


1915 Helps

for Roofers and
Sheet Metal
Workers



L.D. BERGER

*Merchant and Manufacturer
Tinners' and Roofers' Supplies*

**59 North Second St.
Philadelphia, Pa.**



If this catalogue doesn't give the information that you desire, don't fail to write us. We will promptly attend to your inquiry. We want to please you.

We try to give "quick action" to the wants of our customers.

All departments may be reached through our private branch exchanges.

Bell, Market 554

Keystone, Main 4000

TERMS.

NET CASH, thirty days from date of invoice—or one per cent. ~~if~~ paid within ten days, on tin, solder, etc.; other goods, two per cent.

Parties desiring credit must have good commercial rating, or furnish satisfactory reference, before shipment will be made, otherwise will ship goods to our address and make sight draft, with bill of lading attached.

No goods will be shipped C. O. D. or to our order, with Draft and Bill of Lading attached, unless part payment is made in advance, to insure acceptance.

Bills not paid at maturity are subject to sight draft, without further notice, although we much prefer that customers remit the respective amounts when due.

No extension allowed, nor more than thirty days' credit given, except by special agreement to parties financially responsible, on note bearing six per cent. interest after thirty days.

In order to avoid mistakes and unnecessary delays, customers will kindly send their orders, inquiries and remittances upon separate sheets.

Claims for errors must be made on receipt of goods.

Interest will be added on all accounts when over-due.

As questions constantly arise as to the responsibility of shipper, for loss of and damage to goods, etc., in transit, we beg to call the special attention of our customers to the following :

Our responsibility ceases as soon as goods are delivered in good order and condition at shipping point, and a receipt taken for the same—we, as senders, having no legal claim after the goods are delivered to the carriers properly consigned, as the ownership has passed from us to the consignee.

No goods returned, will be received by us unless we have been corresponded with, and have given our permission, that same can be returned, and party returning, must in all cases pay freight and expenses.

WEIGHT OF PLAIN BLACK SHEETS

as determined by the Standard United States Gauge.

No. of Gauge	Approximate Thick- ness in fractions of an inch	Approximate Thick- ness in decimal parts of an inch	Weight per square foot in ounces avoirdupois	Weight per square foot in pounds avoirdupois
0000000	1-2	.5	320	20.00
000000	15-32	.46875	300	18.75
00000	7-16	.4375	280	17.50
0000	13-32	.40625	260	16.25
000	3-8	.375	240	15.
00	11-32	.34375	220	13.75
0	5-16	.3125	200	12.50
1	9-32	.28125	180	11.25
2	17-64	.265625	170	10.625
3	1-4	.25	160	10.
4	15-64	.234375	150	9.375
5	7-32	.21875	140	8.75
6	13-64	.203125	130	8.125
7	3-16	.1875	120	7.5
8	11-64	.171875	110	6.875
9	5-32	.15625	100	6.25
10	9-64	.140625	90	5.625
11	1-8	.125	80	5.
12	7-64	.109375	70	4.375
13	3-32	.09375	60	3.75
14	5-64	.078125	50	3.125
15	9-128	.0703125	45	2.8125
16	1-16	.0625	40	2.5
17	9-160	.05625	36	2.25
18	1-20	.05	32	2.
19	7-160	.04375	28	1.75
20	3-80	.0375	24	1.50
21	11-320	.034375	22	1.375
22	1-32	.03125	20	1.25
23	9-320	.028125	18	1.125
24	1-40	.025	16	1.
25	7-320	.021875	14	.875
26	3-160	.01875	12	.75
27	11-640	.0171875	11	.6875
28	1-64	.015625	10	.625
29	9-640	.0140625	9	.5625
30	1-80	.0125	8	.5
31	7-640	.0109375	7	.4375
32	13-1280	.01015625	6 1/2	.40625
33	3-320	.006375	6	.375
34	11-1280	.00859375	5 1/2	.34375
35	5-640	.0078125	5	.3125
36	9-1280	.00703125	4 1/2	.28125
37	17-2560	.006640625	4 1/4	.265625
38	1-160	.00625	4	.25

NOTE.—For the purpose of securing uniformity of gauge throughout the United States, Congress, under date March 3d, 1893, adopted the above as the Legal Standard for determining the thickness of uncoated iron and steel sheets, allowing a variation of 2 1/2 per cent. either above or below for practical use and application.

PLANISHED SHEET IRON

"A" quality, Nos. 20 to 28, inclusive, Size, 28 and 30 in. wide, 45, 48, 56, 60, 72 and 84 in. long.

"B" quality, Nos. 24 to 28, inclusive, Size, 28 in. wide, about 60 in. long.

Locomotive Jacket Planished, Nos. 18 to 24, inclusive, 28 or 30 in. wide, 48, 56, 60, 72 and 84 in. long.

Birmingham Wire Gauge	Standard Size	Approximate Weight per Sheet	Approximate Russia Gauge
No. 22,	28 x 60 in.	13½ to 13¾ lbs.	No. 14
" 23,	28 x 60 "	12½ " 12¾ "	" 13
" 24,	28 x 60 "	10½ " 11½ "	" 12
" 25,	28 x 60 "	9½ " 10½ "	" 11
" 26,	28 x 60 "	8½ " 9½ "	" 10
" 27,	28 x 60 "	8 " 8½ "	" 9
" 28,	28 x 60 "	7½ " 8 "	" 8

Average net weight per bundle, about 250 lbs.

APPROXIMATE NUMBER OF PATENT PLANISHED SHEETS PER PACK

No. 20, 30 x 72, . . . 12 sheets	No. 24, 28 x 84, . . . 16 sheets
" 22, 28 x 60, . . . 19 "	" 24, 30 x 84, . . . 15 "
" 22, 28 x 84, . . . 13 "	" 25, 28 x 60, . . . 25 "
" 22, 30 x 84, . . . 13 "	" 26, 28 x 60, . . . 28 "
" 24, 28 x 60, . . . 23 "	" 27, 28 x 60, . . . 29 "
" 24, 28 x 72, . . . 19 "	" 28, 28 x 60, . . . 31 "

SHEET COPPER

Table of Weight per Square Foot, and Thickness per Stub's Wire Gauge.

SPECIAL SIZES MADE TO ORDER

Stub's Gauge No.	Thickness in decimal parts of 1 inch	Ounce per square foot	14 x 48 lbs.	24 x 48 lbs.	24 x 96 lbs.	30 x 60 lbs.	36 x 72 lbs.	48 x 72 lbs.	30 x 96 lbs.	36 x 96 lbs.	30 x 120 lbs.	36 x 144 lbs.
26	.00387	4	1.18	2	4	3.12	4.50	6	5	6	6.24	9.00
28	.00806	6	1.76	3	6	4.68	6.75	9	7.50	9.00	9.36	13.50
30	.0107	8	2.33	4	8	6.25	9.00	12	10.00	12.00	12.60	18.00
32	.0134	10	2.91	5	10	7.81	11.25	15	12.50	15.00	15.60	22.50
34	.0161	12	3.50	6	12	9.37	13.50	18	15.00	18.00	18.74	27.00
36	.0188	14	4.06	7	14	10.94	15.75	21	17.50	21.00	21.88	31.50
38	.0215	16	4.66	8	16	12.50	18.00	24	20.00	24.00	25.00	36.00
40	.0242	18	5.25	9	18	14.06	20.25	27	22.50	27.00	28.12	40.50
42	.0269	20	5.88	10	20	15.62	22.50	30	25.00	30.00	31.24	45.00
44	.0292	24	7.00	12	24	18.75	27	36	30.00	36.00	37.50	54
46	.0318	28	8.58	14	28	22.50	30	42	35.00	42.00	43.50	63
48	.0345	32	10.24	16	32	26.56	34	48	40.00	48.00	50.00	72
50	.0372	36	11.88	18	36	30.81	38	54	45.00	54.00	56.25	81
52	.0399	40	13.50	20	40	35.19	42	60	50.00	60.00	62.50	90
54	.0426	44	15.12	22	44	39.69	46	66	55.00	66.00	68.75	99
56	.0453	48	16.75	24	48	44.25	50	72	60.00	72.00	75.00	108
58	.0480	52	18.38	26	52	48.88	54	78	65.00	78.00	81.25	117
60	.0507	56	20.00	28	56	53.56	58	84	70.00	84.00	87.50	126
62	.0534	60	21.63	30	60	58.25	62	90	75.00	90.00	93.75	135
64	.0561	64	23.25	32	64	62.97	66	96	80.00	96.00	100	144
66	.0588	68	24.88	34	68	67.71	70	102	85.00	102.00	106.25	153
68	.0615	72	26.50	36	72	72.47	74	108	90.00	108.00	112.50	162
70	.0642	76	28.13	38	76	77.25	78	114	95.00	114.00	118.75	171
72	.0669	80	29.75	40	80	82.06	82	120	100.00	120.00	125.00	180
74	.0696	84	31.38	42	84	86.89	86	126	105.00	126.00	131.25	189
76	.0723	88	33.00	44	88	91.75	90	132	110.00	132.00	137.50	198
78	.0750	92	34.63	46	92	96.63	94	138	115.00	138.00	143.75	207
80	.0777	96	36.25	48	96	101.54	98	144	120.00	144.00	150.00	216
82	.0804	100	37.88	50	100	106.47	102	150	125.00	150.00	156.25	225
84	.0831	104	39.50	52	104	111.42	106	156	130.00	156.00	162.50	234
86	.0858	108	41.13	54	108	116.39	110	162	135.00	162.00	168.75	243
88	.0885	112	42.75	56	112	121.38	114	168	140.00	168.00	175.00	252
90	.0912	116	44.38	58	116	126.39	118	174	145.00	174.00	181.25	261
92	.0939	120	46.00	60	120	131.42	122	180	150.00	180.00	187.50	270
94	.0966	124	47.63	62	124	136.47	126	186	155.00	186.00	193.75	279
96	.0993	128	49.25	64	128	141.54	130	192	160.00	192.00	200.00	288
98	.1020	132	50.88	66	132	146.63	134	198	165.00	198.00	206.25	297
100	.1047	136	52.50	68	136	151.75	138	204	170.00	204.00	212.50	306
102	.1074	140	54.13	70	140	156.89	142	210	175.00	210.00	218.75	315
104	.1101	144	55.75	72	144	162.06	146	216	180.00	216.00	225.00	324
106	.1128	148	57.38	74	148	167.25	150	222	185.00	222.00	231.25	333
108	.1155	152	59.00	76	152	172.47	154	228	190.00	228.00	237.50	342
110	.1182	156	60.63	78	156	177.71	158	234	195.00	234.00	243.75	351
112	.1209	160	62.25	80	160	182.97	162	240	200.00	240.00	250.00	360
114	.1236	164	63.88	82	164	188.25	166	246	205.00	246.00	256.25	369
116	.1263	168	65.50	84	168	193.54	170	252	210.00	252.00	262.50	378
118	.1290	172	67.13	86	172	198.85	174	258	215.00	258.00	268.75	387
120	.1317	176	68.75	88	176	204.17	178	264	220.00	264.00	275.00	396
122	.1344	180	70.38	90	180	209.51	182	270	225.00	270.00	281.25	405
124	.1371	184	72.00	92	184	214.87	186	276	230.00	276.00	287.50	414
126	.1398	188	73.63	94	188	220.25	190	282	235.00	282.00	293.75	423
128	.1425	192	75.25	96	192	225.63	194	288	240.00	288.00	300.00	432
130	.1452	196	76.88	98	196	231.03	198	294	245.00	294.00	306.25	441
132	.1479	200	78.50	100	200	236.44	202	300	250.00	300.00	312.50	450
134	.1506	204	80.13	102	204	241.87	206	306	255.00	306.00	318.75	459
136	.1533	208	81.75	104	208	247.31	210	312	260.00	312.00	325.00	468
138	.1560	212	83.38	106	212	252.77	214	318	265.00	318.00	331.25	477
140	.1587	216	85.00	108	216	258.25	218	324	270.00	324.00	337.50	486
142	.1614	220	86.63	110	220	263.75	222	330	275.00	330.00	343.75	495
144	.1641	224	88.25	112	224	269.27	226	336	280.00	336.00	350.00	504
146	.1668	228	89.88	114	228	274.81	230	342	285.00	342.00	356.25	513
148	.1695	232	91.50	116	232	280.39	234	348	290.00	348.00	362.50	522
150	.1722	236	93.13	118	236	285.94	238	354	295.00	354.00	368.75	531
152	.1749	240	94.75	120	240	291.53	242	360	300.00	360.00	375.00	540
154	.1776	244	96.38	122	244	297.13	246	366	305.00	366.00	381.25	549
156	.1803	248	98.00	124	248	302.75	250	372	310.00	372.00	387.50	558
158	.1830	252	99.63	126	252	308.39	254	378	315.00	378.00	393.75	567
160	.1857	256	101.25	128	256	314.05	258	384	320.00	384.00	400.00	576
162	.1884	260	102.88	130	260	319.73	262	390	325.00	390.00	406.25	585
164	.1911	264	104.50	132	264	325.43	266	396	330.00	396.00	412.50	594
166	.1938	268	106.13	134	268	331.15	270	402	335.00	402.00	418.75	603
168	.1965	272	107.75	136	272	336.89	274	408	340.00	408.00	425.00	612
170	.1992	276	109.38	138	276	342.65	278	414	345.00	414.00	431.25	621
172	.2019	280	111.00	140	280	348.43	282	420	350.00	420.00	437.50	630
174	.2046	284	112.63	142	284	354.23	286	426	355.00	426.00	443.75	639
176	.2073	288	114.25	144	288	360.05	290	432	360.00	432.00	450.00	648
178	.2100	292	115.88	146	292	365.89	294	438	365.00	438.00	456.25	657
180	.2127	296	117.50	148	296	371.75	298	444	370.00	444.00	462.50	666
182	.2154	300	119.13	150	300	377.63	302	450	375.00	450.00	468.75	675
184	.2181	304	120.75	152	304	383.53	306	456	380.00	456.00	475.00	684
186	.2208	308	122.38	154	308	389.45	310	462	385.00	462.00	481.25	693
188	.2235	312	124.00	156	312	395.39	314	468	390.00	468.00	487.50	702
190	.2262	316	125.63	158	316	401.35	318	474	395.00	474.00	493.75	711
192	.2289	320	127.25	160	320	407.33	322	480	400.00	480.00	500.00	720
194	.2316	324	128.88	162	324	413.33	326	486	405.00	486.00	506.25	729
196	.2343	328	130.50	164	328	419.35	330	492	410.00	492.00	512.50	738
198	.2370	332	132.13	166	332	425.39	334	498	415.00	498.00	518.75	747
200	.2397	336	133.75	168	336	431.45	338	504	420.00	504.00	525.00	756

L.D. BERGER
IC
OLD METHOD
GENUINE
CHARCOAL IRON

This plate is the best that can be produced and carries a 40 lb. coating. We sell considerable to the best trade, who desire only first class material.

Stamped in
Boxes 20x28 or in Rolls.

L.D. BERGER
IC
OLD STYLE
GENUINE
CHARCOAL IRON

This plate carries 30 lb. coating and is made of the same Iron base as above, the only difference is in the coating. It is much superior to steel.

I. C. or I. X. Stamped in
Boxes 20x28 or in Rolls.

L.D. BERGERS
IC
HAMMERED
OPEN HEARTH

This is a good plate, 25 lb. coat, which is a cross between steel and iron, it is the general impression that Open Hearth is better than the regular steel.

Stamped in
Boxes 20x28 or in Rolls.

IC
OLD METHOD

This plate is made to meet the wants of customers who desire something better than the ordinary plate—yet at a price that will enable them to use it on any work that will bring a fair price—it carries 15 lb. coating, and is sold almost entirely in Rolls, stamped like the cut.

L.D. BERGER IC OLD METHOD

This plate has a 40 lb. coating and is the highest standard of Steel Plate, each sheet stamped.

Boxes, 20x28 or in Rolls
ready to lay on roof.

L.D. BERGER IC OLD PROCESS

A high grade plate with a heavy 30 lb. coating

The mottle is very heavy and durable.

Each sheet stamped.

Boxes, 20x28 or in Rolls
ready to lay on roof.

L.D. BERGER IC OLD STYLE

This plate has a 20 lb. coating and is the grade best adapted for all purposes when your customer wants something good but cannot afford a heavier coating.

I. C. or I. X. Stamped.

Boxes, 20x28 or in Rolls.

L.D. BERGER'S IC THELMA OLD STYLE

A 15 lb. coated plate of good quality. It is a happy medium between the best and cheapest. A desirable plate for all around purposes. Stamped in Boxes,

20x28 or in Rolls.

This plate can be furnished in other coatings.

L.D.BERGER
IC
PHILA

This plate carries a 12 lb. coating and is just the thing for all kinds of repair work. It is better than the ordinary plates.

We do not advise the use of any lower coated plates, if our standard is accepted.

Rolls or Boxes, Stamped.

L.D.BERGER
IC
RUBY

This plate carries an 8 lb. coating and is about the ordinary stock used for general purposes and competition.

I. C. or I. X. Stamped in
Rolls or Boxes.

L.D.BERGER
IC
GEM

This plate carries an 8 lb. coating; it is largely used on contracts. It will work as well as any other plate.

Sold at a popular price, has an oil finish.

Stamped in Rolls or Boxes.

L.D.BERGER
IC
OCTO

This plate carries an 8 lb coating. It is the cheapest plate we sell and is not stamped

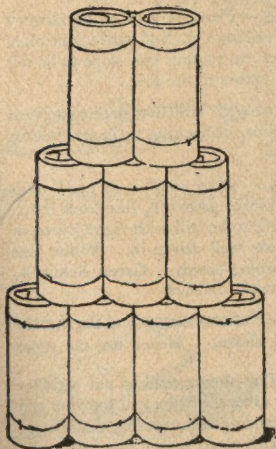
Rolls or Boxes.

L.D.BERGER
IC
FIRE DOOR PLATE

This plate you should use to avoid trouble with the Board of Fire Underwriters

10 lb. Coated.

Boxes, 14x20. Stamped.



ROLL TIN

We carry in stock all grades of roofing tin—at all prices—put up in rolls of 28 sheets.

Every roll is perfectly straight and well painted on one side—painted right, too, not daubed here and there.

Try it, you will find it all that we claim.

AT ALL PRICES.

FIRE DOOR PLATE

The standard required by the NATIONAL BOARD OF FIRE UNDERWRITERS.

Prime terne plate I C thickness and 14 x 20-inch size to be used. Finished plates to weigh not less than 113 pounds net per box of 112 sheets, including at least 10 pounds of coating. Black plate to be of best quality basis open hearth soft steel, weighing 103 to 105 pounds, per box of 112 sheets before coating. Coating to be of an alloy of not less than 25 per cent pure new tin, nor more than 75 per cent pure new lead, applied by the pure palm oil process, no acid flux or flux of any kind other than pure palm oil being used. Plates to be resquared.

This is guaranteed—specify it.

WORKING SPECIFICATIONS.

Roof Construction.—Plans for roof to be covered with flat-seam tin roofing shall call for a pitch of one inch or more to the foot. For standing-seam tin roofing the slope to be not less than one-third pitch, four inches to the foot.

Gutters.—To be designed with sufficient slope to prevent water standing in them after rains, or backing up in any case far enough to reach standing seams.

Sheathing-Boards.—These shall be of good well-seasoned, dry lumber, narrow widths preferred, free from holes, and of even thickness. Boards to be laid with tight joints, or tongued and grooved, nail heads well driven in. White pine and spruce make the best sheathing-boards. Green hemlock, chestnut, oak and ash are not recommended.

Sheathing-Paper.—Not necessary where the sheathing-boards are laid as specified above. Never use tar paper under tin.

Standing-Seam.—The sheets shall be put together in long lengths in the shop, the cross seams locked together and well soaked with solder. All standing-seam roofing shall be applied the narrow way, fastened with cleats spaced one foot apart.

Flat-Seam.—To be laid on the roof one sheet at a time, fastened to the sheathing-boards with cleats, using three cleats to each sheet, two on the long side and one on the short side—two one-inch barbed wire nails to each cleat, turning the end of the cleat over the heads of the nails. No nails to be driven through the sheets under any circumstances.

Valleys and gutters shall be formed with flat seams, using sheets the narrow way.

Painting.—Before laying, the tin to be painted one coat on the under side. The upper surface of the tin roof to be carefully cleaned of all rosin, dirt, etc., and immediately painted. Paint to be of pure metallic brown, iron oxide, or Venetian red as a pigment, mixed with pure linseed oil. No patent drier or turpentine to be used. All coats of paint to be applied with a hand-brush and well rubbed on.

Solder.—All solder used on this roof to be of the best grade, guaranteed Half and Half solder (half tin and half lead, new metals) using nothing but rosin as a flux.

Flat-Seam Roofing



Fig. 1. First step; edges turned over

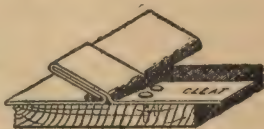


Fig. 2. Cleat inserted



Fig. 3. End of cleat turned over
nail-heads



Fig. 4. Adjoining sheet in position



Fig. 5. Flat seam finished, showing cleat

Standing-Seam Roofing

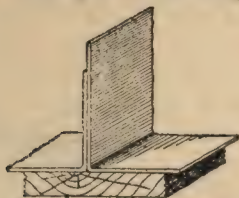


Fig. 6. Adjoining edges turned up

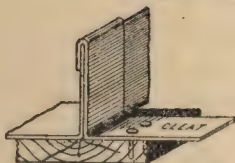


Fig. 7. Cleat inserted

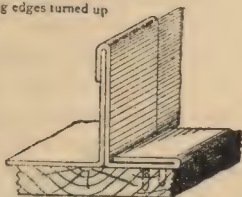


Fig. 8. End of cleat turned over nail-heads

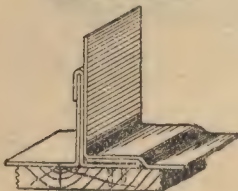


Fig. 9. Adjoining sheet in position

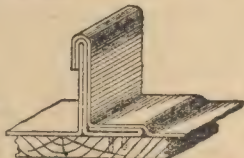


Fig. 10. First step in forming lock; top of sheet turned over

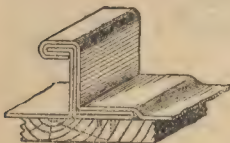


Fig. 11. Second step, showing seam turned half over

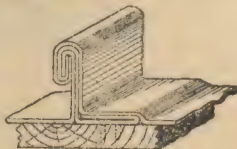


Fig. 12. Standing seam finished, showing cleat

Selling Arguments

The chief advantages of tin roofing can be summed up briefly as follows:

1. **Durable.**
2. **A time-tried, long-established material.**
3. **Easily applied.**
4. **Adaptable to any surface.**
5. **Moderate first cost.**
6. **Low cost of maintenance.**
7. **Re-use, second-hand value.**
8. **Easily and quickly repaired, if damaged.**
9. **Neat, high-grade appearance.**
10. **Loses nothing in appearance with age.**
11. **Light in weight.**
12. **Not affected by heat or cold.**
13. **Gives protection against lightning.**
14. **Incombustible, and prevents spread of fire.**
15. **Weatherproof.**

A good tin roof is light in weight; it requires only a very light roof construction, which is in itself a very marked saving in the cost of any building. Slate, tile and tar roofs are very heavy, as the following table of weights of roofing materials will show: **Weight per Square (100 Square Feet)**

Tile (shingle) . . .	1200 to 1800 lbs.
Tile (Spanish) . . .	800 to 850 lbs.
Slate, 3/16 inch, good grade	650 to 700 lbs.
Four-Ply Slag . . .	525 to 575 lbs.
Three-Ply Slag . . .	350 to 450 lbs.
Shingles, spruce and pine	400 lbs.
Tin, IC thickness, standing seam	65 lbs.

BRIGHT TIN PLATE.



**BRIGHT
COKES
AND
CHARCOAL
FINISH
OF
DIFFERENT
GRADES**

FURNACE PIPE TIN IN STOCK.

I. C. and I. X.

20 x 23½	For 7-inch pipe
20 x 26½	" 8 "
20 x 28	" 8½ "
20 x 29½	" 9 "
20 x 32½	" 10 "
20 x 39½	" 12 "

I. C. Coke	14 x 20	20 x 28
I. X. "	14 x 20	20 x 28
I. C. Charcoal	14 x 20	20 x 28
I. X. "	14 x 20	20 x 28
2 X. "	14 x 20	20 x 28
3 X. "	14 x 20	20 x 28
4 X. "	14 x 20	20 x 28

4 X TINNED IRON.

36 x 84

40 x 96

Black Sheets

AMERICAN BESSEMER

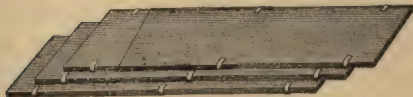
ONE PASS COLD ROLLED



Standard Sizes and Gauges always in Stock

LOWEST MARKET PRICES

**AMERICAN R. G. CLEANED
BLACK SHEETS**



CLEAN, SMOOTH,

UNIFORM COLOR,

EASTERN FINISH

Standard Sizes and Gauges always in Stock

Wood's Cleaned, Refined Black Sheets

UNIFORM DARK COLOR

SMOOTH, CLEAN SURFACE

PROMPT SHIPMENTS FROM MILL

Wood's Patent Planished Iron (AMERICAN RUSSIA)

Regular Gauges in Stock

Size, 28 x 60 inches

Genuine Russia Iron

Size, 28 x 56 inches

Wellsville Polished Sheets

In bundles of about 150 pounds each or in cases of
300 pounds each

PROMPT SHIPMENTS FROM MILL



Hoop Iron.==Galvanized

Sizes $\frac{1}{8}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$ and 2 inch.

In coils of about 35 to 40 pounds.

LOWEST MARKET PRICES

Galvanized Steel Sheets



SIZES IN STOCK

16x30x96	—	26x24x96	27x32x96
16x36x96	22x24x96	26x26x96	27x36x96
—	22x28x96	26x28x96	—
18x24x96	22x30x96	26x30x96	28x20x96
18x30x96	22x36x96	26x36x96	28x24x96
18x36x96	—	—	28x26x96
—	24x24x96	27x20x96	28x28x96
20x24x96	24x28x96	27x24x96	28x30x96
20x30x96	24x30x96	27x26x96	28x32x96
20x36x96	24x36x96	27x28x96	28x36x96
—	—	27x30x96	—

Barbed Roofing Nails



Per Keg

3/4 inch, No. 13 wire.....	\$
3/8 inch, No. 12 wire.....	
1 inch, No. 12 wire.....	
1 1/4 inch, No. 11 wire.....	
1 1/2 inch, No. 10 wire.....	
2 inch, No. 9 wire.....	

Small Head Barbed Roofing

Nails for flat seam roofing furnished in 3/4, 7/8 and 1 inch sizes when so ordered.

Wire Slating Nails

2, 3, 4 and 6d. in 100-pound kegs

Cut Slating Nails

2, 3, 4 and 6d. in 100-pound kegs

Nails also furnished copper or copper clad.

LOWEST MARKET PRICES



Sheet Copper.

SIZE OF SHEETS.		54 oz. & over 56 lb. sheet 30 & 60 and heavier	32 oz. to 64 oz. 25 to 50 lb. sheet 30x60	24 oz. to 32 oz. 18½ to 25 lb. sheet 30x60	16 oz. to 24 oz. 12½ to 18½ lb. sheet 30x60	14 oz. and 15 oz. 11 to 12½ lb. sheet 30x60	12 oz. and 13 oz. 9½ to 11 lb. sheet 30x60
Widths.	Lengths.	Cents Per Pound.				Over Base.	
Not Wider than 30 inches.	Not longer than 72 inches.	Base	Base	Base	Base	1	2
	Longer than 72 inches. Not longer than 96 inches.	Base	Base	Base	Base	1	3
	Longer than 96 inches.	Base	Base	Base	Base	2	6
Wider than 30 inches but not wider than 36 inches.	Not longer than 72 inches.	Base	Base	Base	Base	2	4
	Longer than 72 inches. Not longer than 96 inches.	Base	Base	Base	Base	2	6
	Longer than 96 inches. Not longer than 120 inches.	Base	Base	Base	1	3	
	Longer than 120 inches.	Base	Base	1	2		
	Not longer than 72 inches.	Base	Base	1	2	4	7
Wider than 36 inches but not wider than 48 inches.	Longer than 72 inches. Not longer than 96 inches.	Base	Base	1	3	5	8
	Longer than 96 inches. Not longer than 120 inches.	Base	Base	2	4	8	
	Longer than 120 inches.	Base	1	3	6		
	Not longer than 72 inches.	Base	Base	1	3	6	11
Wider than 48 inches but not wider than 60 inches.	Longer than 72 inches. Not longer than 96 inches.	Base	Base	2	4	9	
	Longer than 96 inches. Not longer than 120 inches.	Base	1	3	6		
	Longer than 120 inches.	1	2	4	8		
	Not longer than 96 inches.	Base	1	3	8		
Wider than 60 inches but not wider than 72 inches.	Longer than 96 inches. Not longer than 120 inches.	Base	2	5	10		
	Longer than 120 inches.	1	3	8			
	Not longer than 96 inches.	1	3	6			
	Longer than 96 inches. Not longer than 120 inches.	2	4	7			
Wider than 72 inches but not wider than 108 inches.	Longer than 120 inches.	3	5	9			
	Not longer than 132 inches.	4	6				
	Longer than 132 inches.	5	8				



PERFORATED TIN

TWO SIZES.

10 x 14 and 14 x 20.

Nos. 1, 2, 3 and 4.

SHEET COPPER

STOCK SIZES AT MARKET PRICES.

Table of Weight per Square Foot, and Thickness per Stub's Wire Gauge.

Leading sizes as follows.

Stub's Gauge (nearest No.)	Thickness in decimal parts of 1 inch	Ounce per square foot	14	14	24	24	36	36	36
			x	x	x	x	x	x	x
			48	60	48	96	96	60	96
			lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
20	.0134	10	2.91	3.64	5	10	11.65	7.81	12.50
27	.0161	12	3.50	4.38	6	12	14.00	9.37	15.00
36	.0188	14	4.08	5.10	7	14	16.32	10.93	17.50
24	.0215	16	4.66	5.83	8	16	18.64	12.50	20.00
23	.0242	18	5.25	6.56	9	18	21.00	14.06	22.50
22	.0269	20	5.83	7.29	10	20	23.32	15.62	25.00

These weights are theoretically correct, but variations must
be expected in practice.

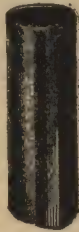
SHEET ZINC

Leading Sizes. Lowest Market Prices per Pound.

SCHEDULE OF WEIGHT PER SHEET.

U. S. Standard Gauge No.	26, 27	25	24	23
M. & H. Zinc Gauge No.	9	10	11	12
24 x 84 inches	9.4	10.5	12.6	14.7
30 x 84 inches	11.7	13.1	15.8	18.4
32 x 84 inches	12.5	14.0	16.8	19.6
36 x 84 inches	14.1	15.7	18.9	22.0
40 x 84 inches	15.6	17.5	21.0	24.5
42 x 84 inches	16.4	18.4	22.0	25.7
48 x 84 inches	18.8	21.0	25.2	29.4
52 x 84 inches	20.3	22.7	27.3	31.8

Zinc Gauge can be maintained only approximately.



Corrugated Sheet Iron

PAINTED OR GALVANIZED.

We desire to call your attention to the following illustrations of Corrugated Sheet Iron for Roofs, Sides, Ceilings and Partitions for fire-proof buildings.

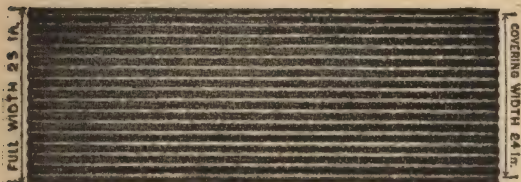


Fig. 10

Corrugations one and one-quarter inches from centre to centre, and three-eighths of an inch deep. This is used mostly for Ceilings, Sidings and Partitions. Sheets when corrugated measure 25 inches wide, and will cover 24 inches from centre to centre of outside corrugations.



Fig. 12

Corrugations two and one-half inches from centre to centre, and five-eighths of an inch deep. This style is suitable for Roofing, Siding, Partitions, Curved Ceilings and Awnings. Sheets when corrugated measure 26 inches wide, and will cover 24 inches from centre to centre of outside corrugations.

Corrugated Sheets, 5, 6, 7, 8, 9 and 10 feet in length. In any gauge from No. 16 to 28 inclusive.

Painted or Galvanized. Lowest Market Prices.

Two Inch Corrugated Ridge Roll



FOR PLAIN RIDGE ROLL SEE PAGE 112.

Corrugated End Wall Flashing



No. 28 Gauge. Per Lineal Foot.	Painted	Galvanized
2 inch, Ridge Capping	\$0 12	\$0 15
End Wall Flashing.....	14	17½

Discount.....per cent.

LEAD WASHERS

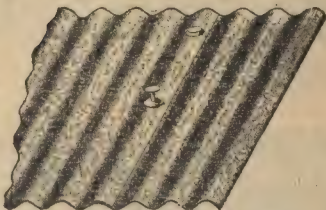
Full Size.



No. 12.
(1-32 in. hole)
Full Size.



No. 8.
(3-32 in. hole)
One pound
contains over
300 Washers.



Price per pound.....\$



Actual size
of Washer
and Nail.

The illustration shows the application of **Lead Washer to Corrugated Iron Roofing and Siding**. The advantage in using same is that it makes an absolutely **water-tight joint**, prevents leaking and rusting at the nail hole, thereby prolonging the life of a **roof**.

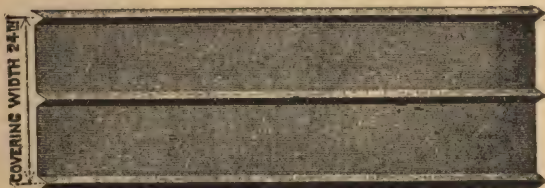
About one pound of these Washers are required to lay three squares of corrugated roofing.

About one pound of 1½ inch Barbed Roofing Nails are required to lay one square of corrugated roofing.

SEMI-STEEL
V Crimp Roofing



Three Crimp Roofing.



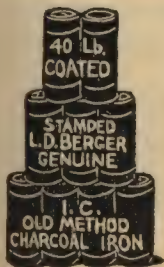
Berger's Self-Capping Steel Roofing



Berger's Pressed Steel Brick.



Rock Face Brick Siding.



Roofing Tin at All Prices

Every Roll perfectly straight
and well painted, not
daubed here and
there

Beaded Sheets.

Fig. 16.

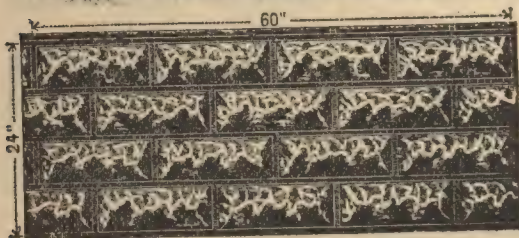


Weather-Board Siding.

Fig. 17.



Rock-Faced Stone Siding.



Prepared Roofing, Tarred and Slaters' Felts



SLATERS' FELT

Rolls, 30 lbs., 500 square feet, price \$

SINGLE PLY TARRED FELT

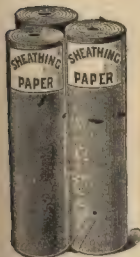
About 12 lbs., per 100 square feet

Price, per ton \$

TARRED READY ROOFING

2-ply, about 35 lbs. per square, price \$

3-ply, about 55 lbs. per square, price \$



RED ROSIN

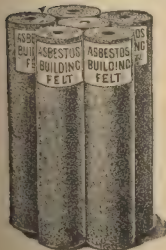
SIZED SHEATHING

Weatherproof Brand

No. 20, about 20 lbs. per roll, 500
square feet per roll \$

No. 40, about 40 lbs. per roll, 500
square feet per roll \$

ASBESTOS BUILDING PAPER



This sheathing is manufactured from a mineral fibre, possessing the highest fire proof and non-conducting qualities, rendering it a valuable protection against fire and is extensively used for covering heater pipes, and similar purposes.

Furnished in rolls 36 inches wide, graded 6, 8, 10, 14 and 16 pounds per 100 square feet, and in rolls of 50 and 100 pounds each.

Price in 1000 lb. lots or more, \$ per
100 lbs., net.

Price less than 1000 lb. lots, \$ per
100 lbs., net.



Gutter Spikes

Where this can be used there is nothing handier or stronger—a first class ice breaker, and just the thing for “O. G.” or square gutter.

Inches.....	Per 100—BLACK		
	4	5	6
Short Drive, No. 1	\$3.50	\$4.00	\$4.50
Long Drive, No. 2	4.00	5.00	5.50

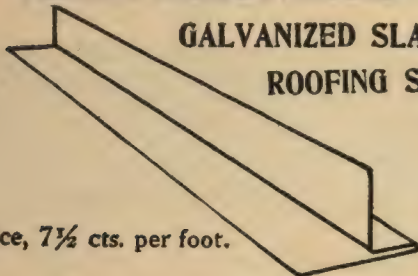
Repair Spikes



Inches.....	Per 100—BLACK		
	7	9	12
For ½ inch Bead	\$3.25	\$3.75	\$4.50

A HANDY ARTICLE TO STRAIGHTEN UP TWISTED GUTTER

GALVANIZED SLAG ROOFING STOP



Price, 7½ cts. per foot.



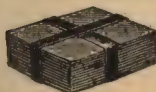
GRAVEL ROOFING BUCKETS.

Size, 12 x 12,	\$1.25 Net.
“ 12 x 14,	1.50 Net.

2 small and 1 large make a set.

Tin and Galvanized Flashings.

One hundred pieces in a bundle.



	Price Per 100.	
	Tin	Galv
4 x 5	\$ 60	\$1 00
5 x 7	85	1 50
7 x 10	1 50	3 00



Standing-Seam Roof Snow Irons

Patented October 31, 1893

Designed to dispense with snow rails or gutters formed on the roof to prevent snow sliding. They clamp fast to the roof by clinching the lugs through the standing seam.

Made of the best Malleable Iron.

	Price per 100, Black	Galv.
No. 1, for standing seam...	\$8.50	\$11.00

Discount Per Cent.



Slate Roof Snow Irons

The No. 2 is riveted on $\frac{3}{8}$ x 1 inch iron plates, 12 inches long, to go 8 inches under the slate.

It is very ornamental on a roof and must be seen to be fully appreciated.

	Price per 100, Black	Galv.
No. 2, for slate roof complete	\$12.00	\$16.50

Discount Per Cent.



Corrugated Roof Snow Irons

This cut shows our No. 20 Iron for corrugated roofing and fits either $1\frac{1}{4}$ inch or $2\frac{1}{4}$ inch corrugation. It is applied either by riveting to roof or by nailing through the roof to sheathing. It fits on top of the corrugation, as illustrated and will not leak.

	Price per 100, Black	Galv.
No. 20, for corrugated roofs,	\$7.00	\$9.00

Discount Per Cent.



V Crimp Roof Snow Irons

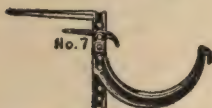
This cut shows our No. 3 Iron for V crimp roofing, which fits on the V. It is nailed through the sticks into the sheathing underneath.

	Price per 100, Black	Galv.
No. 3, for V crimp roofs	\$7.25	\$9.50

Discount Per Cent.

When not designated on order whether BLACK or GALVANIZED are wanted galvanized will be furnished.

BERGER'S FAVORITE GUTTER HANGERS



No. 7 is made to drive from 3 to 4 inches square in the cornice. The lower prong forms a brace for the upper, and makes it very strong and firm.



No. 8 is made to drive from 3 to 6 inches square in the cornice.

This iron is intended for eaves where the shingles project far over the cornice.



No. 9 is to drive with the pitch of the roof. Same length as No. 7.

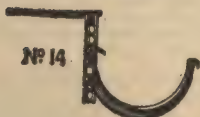
Suited for narrow molded cornice.



No. 13 drives with the pitch of the roof. Same length as No. 8.



No. 3 is same as No. 8 or 13. Hinged to drive to or with any pitch desired.



No. 14 is made to drive in brick or stone joints.

LIST ON PAGE 29

THESE HANGERS MAKE THE GUTTER EXCEED- INGLY STRONG AND ORNAMENTAL.

Architects Indorse Them Everywhere. The only Hanger to Leave an Open,
Clear, Expanding Gutter.



No. 10

No. 10 is made to nail against square
box cornices.



No. 6

No. 6 is made specially to nail
against O. C. moldings. The two
stays are made to fit in the cove and
can be bent to suit variation.



No. 11

No. 11 is especially adapted to barns,
mills and factories, where the rafters
are exposed. The shank is nailed to
the side of rafter, assorting the 4, 6½
and 9 inch shank to correspond with
the amount of fall required. If more
fall is desired, use the extension shank,
to bolt on the end.

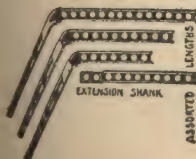


No. 12

No. 12 is made ¼ pitch to fasten
under the shingles or slate, and are
bent to suit the pitch. The holes on
top of the shank are made beveling so
that the nail can be driven at any
point and enter the shank.

No. 15 is made for flat roofs.

No. 25 is made for steep roofs.



SHANKS.

ASSORTED LENGTH.

All orders are filled with assorted
length shanks unless otherwise or-
dered.

LIST ON PAGE 29



No. 2

BERGER'S Gutter Hangers,

The Handiest and Best ever
Invented,

Patented August 11, 1885.

Patented July 6, 1886.

Patented June 11, 1888.



No. 16

No. 2 is nailed to the side of rafter in any desired angle. The hinge allows great variations in the pitch.



No. 17

No. 16 is fastened under the shingles; the hinge and circle both adjust to every one-eighth inch.



No. 19

No. 17 is fastened under the shingles; the hinge and circle both adjust to every one-eighth inch.



No. 24

No. 19 is used either on top or under the shingles, and suited for short projections of the shingles over the mouldings.

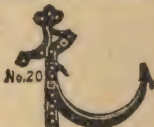
No. 24 is hinged to bolt on corrugated or other iron roofs, for awnings, mills, and factories.

BERGER HANGERS.



No. 1 is clamped direct to the metal roof, needing only one bolt through the iron. A valuable article for awnings and corrugated roofs.

No. 20 is hinged for any pitch, can be nailed or screwed to various shaped mouldings at any angle desired.



No. 5 will span over various shaped mouldings and is easily bent larger or smaller before nailing to the eave.



Royal Circle.

Penn Circle.

Gem Circle.

SHANKS—Per 100

	Plain Black	Tinned
Nos. 7, 9.....	\$2.00	\$2.50
Nos. 8, 10, 11, 13.....	3.00	3.75
Nos. 6, 12, 14, 15, 20, 25.....	3.50	4.40
Nos. 2, 3, 5.....	4.00	5.00
Nos. 1, 16, 17.....	5.00	6.25
No. 19, with bolt for hinge.....	6.00	7.50
No. 16, Extra extra heavy shanks, complete.....	10.00	12.50
Extension shank with bolt.....	2.00	2.50
Stems only, Nos. 1, 2, 3, 5, 16, 17, 20.....	2.00	2.50
Stems only, No. 19.....	2.50	3.10
All long shanks—Nos. 7, 8, 9, 11, 12, 25, add to list.....	1.00	1.25
All long shanks—Nos. 6, 10.....	.50	.65

Other numbers are not made to furnish all long. When they are required longer than the regular style, use Extension Shanks.

One bolt included with each Hinged Shank.

GEM AND PENN CIRCLES—Per 100

With Bolts and Straps	Plain Black	Tinned
3, 3 1/4 inch.....	\$2.00	\$2.50
3 1/2, 3 3/4, 4 inch.....	2.50	3.10
4 1/2, 5 inch.....	3.00	3.75
6 inch.....	4.00	5.00
7 inch.....	5.00	6.25
8 inch.....	6.00	7.50

Additional Bolts and Straps are charged extra

PRICE LISTS
BERGER'S GUTTER HANGERS
Made of SOLID BRASS

NOTICE—Do not use the regular discount on these goods. A special discount will be quoted on application.

SHANKS

Per 100		Per 100	
No. 1.....	\$25 00	No. 12.....	\$21 50
No. 2.....	21 00	No. 13.....	17 00
No. 3.....	24 00	No. 14.....	19 50
No. 5.....	19 50	No. 15.....	21 50
No. 6.....	18 50	No. 16.....	26 50
No. 7.....	12 00	No. 17.....	29 50
No. 8.....	18 00	No. 19.....	33 00
No. 9.....	12 00	No. 20.....	18 00
No. 10.....	15 50	No. 24.....	26 50
No. 11.....	18 00	No. 25.....	21 50

One Brass Bolt included with each Hinged Shank.

CIRCLES

With Brass Bolts and Straps

GEM CIRCLES		PENN CIRCLES	
Per 100		Per 100	
3 inch.....	\$9 50	3 ½ inch.....	\$12 50
3 ½ inch.....	11 00	4 inch.....	14 50
4 inch.....	13 00	4 ½ inch.....	16 50
4 ½ inch.....	15 00	5 inch.....	17 00
5 inch.....	16 50	6 inch.....	22 00
6 inch.....	21 00	7 inch.....	30 00
7 inch.....	30 00	8 inch.....	35 00
8 inch.....	35 00		

Additional Brass Bolts and Straps are charged extra.

ALWAYS state number of Shank wanted.

ALWAYS state KIND and SIZE of Circle wanted.

Clamp Hangers



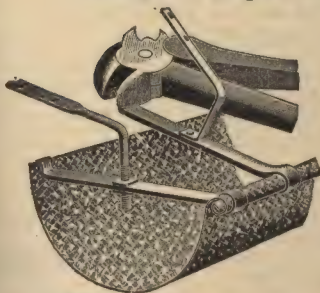
Per 100, Leaded.

Single Bead Double Bead

3 1/2 inch.....	\$4.75	\$.....
4 inch.....	5.00	5.50
5 inch.....	5.50	6.00
6 inch.....	6.00	6.50
Shank only	3.00	.....

Always state whether Single or Double Bead Hangers are wanted.

Berger Imperial Hanger



PRICE LIST

Per Gross	With Rods	With Straps
3 inch.....	\$3.75	\$3.50
3 1/2 inch.....	4.00	3.50
4 inch.....	4.25	3.75
4 1/2 inch.....	4.35	3.85
5 inch.....	4.50	4.00
6 inch.....	5.00	
7 inch.....	6.00	
8 inch.....	8.00	

Double Bead Hangers
25 cents per gross to list.

Eave Trough Hanger Rods



1/4 inch diameter—7, 9, 10 and 11 inches long.
Price per gross, \$2.25.

HANGER TONGS

For Clinching Hangers.

A handy valuable tool for many other purposes.



Price..... \$.30

WIRE HANGERS.



This Hanger is made of best Galvanized Steel Wire; can be quickly and easily adjusted to the gutter, and is the only Wire Hanger forming a complete brace as well as Hanger.

"B" shows Hanger as applied to gutter. "C" shows how to apply Hanger.

3 inch, per gross.....	\$2 15	5 inch, per gross	3.00
3½ " "	2 75	6 " "	3.50
4 " "	2 75	7 " "	4.00
4½ " "	3 00	8 " "	4.50

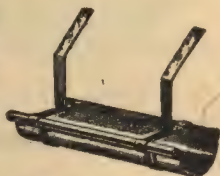
Add 25 cts. gross for D. B.

BAKERS' STRAP HANGER.



Very convenient will save hard work and time. For repairs it can be put on without taking the trough down.

The strap that goes underneath the gutter is of heavy galvanized iron. the balance of the hanger is of strong hoop iron.



The straps that fasten to the roof are sent in nine different lengths. The pitch of the gutter is easily regulated.

	Price per Gross, Black	Galvanized
1 inch and smaller.....	\$2 50	\$4 00
Larger than 5 inches.....	\$3 00	\$5 00

Berger's Patent Pipe Fastener.



per 100, complete.

No. 0, for brick, 3 inch	\$3 50
No. 1, for brick or stone, 4½ inch	4 00
No. 2, for stone, 6 inch	5 00
No. 3, for stone, 9 inch	6 50
No. 4, for wood, 3 inch	3 50
No. 5, for wood, 5 inch	4 00
No. 6, to nail on wood	3 50
No. 7, to screw in wood	3 50

Discount.....per cent.

This fastener must be seen and used to be appreciated, and is destined to supersede every other device now in the market.

It can be soldered or riveted on all kinds and sizes of pipes, and used either end up, right or left hand, or in any other position desired, and allows enough variation to let the pipe slip together till it is tight in the joints, as all pipe should be to prevent rattling. Needs no close measuring on the wall to find a joint for the drive, and combines a handy, perfect, solid, concealed fastener in every respect.

The racks being long, with clips at each end to solder, lessen the strain, and are not liable to become loose. The drives being made in various lengths and styles, do not require a large assortment to fasten pipes to wood, brick, or stone, to any distance from the wall, and is just the article wanted for every purpose.



PRICE LIST

on Drives only.

No. 0, for brick, 3 inch.....	\$1 50
No. 1, for brick or stone,	
4½ inch	2 00.
No. 2, for brick or stone, 6	
inch	3 00
No. 3, for stone, 9 inch.....	4 50
No. 4, for wood, 3 inch.....	1 50
No. 5, for wood, 5 inch.....	2 00
No. 6, to nail on wood.....	1 50
No. 7, to screw in wood.....	1 50
Discount.....	per cent.



No. 3 Pipe Cleats

Price per 100, Tinned

Especially suited for three and four inch pipe.....\$1.50

This Cleat makes a handsome finish on porch columns; no tinner should be without them; they will answer for all kinds of pipe.



Pipe Cleats

Price per 100, Tinned

No. 50, 6½ inches long for wood.....\$2.00

No. 5, 7½ inches long for brick.....2.50

This Cleat is fastened lengthwise for slipped joints and will answer for all sizes or kinds of pipe.

Put up 50 in a package.

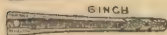
Clasp Pipe Hooks.



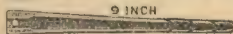
ROUND



4 INCH



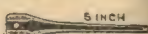
6 INCH



9 INCH



3 INCH



5 INCH

Price per 100, Tinned

Inches..... 3 4 5 6

Round Clasps, only.....\$3.60 \$5.50 \$7.00 \$9.00

Corrugated Clasps, only. 4.00 5.50 6.50 9.00

Square Clasps, only..... 2.50 3.25 4.00 4.50

3 inch wood drive, only.....\$1.50

5 inch wood drive, only..... 2.00

4 inch brick drive, only..... 2.00

6 inch brick drive, only..... 3.00

9 inch brick drive, only..... 4.50



CORRUGATED



SQUARE

Discount.....Per Cent.

The advantages are, that with a small assortment of Clasps and Drives, a variety of pipe can be fastened to wood, brick or stone, at any distance from the wall.



Corrugated Hinged Hooks.

Per 100, Tinned.

Inches.....	2	3	4	5	6
For wood....	\$3 00	\$4 00	\$5 50		
For brick....	3 50	4 50	6 00	7 50	10 50

Discount.....per cent.

2, 3 and 4 inch long Corrugated Wood Hooks,
same price as brick



Round Hinged Hooks.

Per 100, Tinned.

Inches.....	2	3	4	5	6
For wood....	\$3 00	\$4 00	\$5 00		
For brick....	3 50	4 50	5 50	8 00	10 50

Discount.....per cent.



Square Wired Hooks.

Per 100, Tinned.

Inches.....	2	3	4	5
For wood.....	\$2 00	\$2 50	\$3 25	\$4 25
For brick.....	2 50	3 50	4 00	4 50

Discount.....per cent.



Hall's Conductor Fasteners.

Per 100 sets, net.....\$5 00



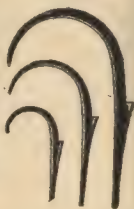
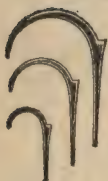
Corrugated Sickel Hooks

Patented.

Price, per 100.

	Wood Tinned.	Brick Tinned.
2 inch	\$1 50	\$1 75
3 "	2 50	2 75
4 "	3 50	4 39

Plain Sickel Hooks



		Per 100, Tinned.	
		For Wood.	Brick.
2	inch.....	\$1 50	\$1 75
2½	".....	2 00	2 00
3	".....	2 50	2 75
3½	".....	3 00	3 50
4	".....	3 50	4 25
5	".....	5 00	6 00
6	".....	6 00	7 50

DISCOUNT..... per cent.



Flashing Hooks.

		Per 100.				
Inches.....		1½	2½	3½	5½	7½
Black.....	\$	25	40	70	1 50	2 50
Tinned.....		35	55	1 00	2 00	3 15

DISCOUNT..... per cent.



Wall Nails.

In 10-lb. boxes. Full size.

Per pound.....\$



Ornamental Pipe Straps.

Patented March 4, 1890.

Inches..... ¼, ¾, ½, ¾, 1, 1¼, 1½, 2

Malleable Iron, per pound.....\$

Wrought Iron, " ".....

" " in 5 lb boxes.....

Neat, clean cut, round ends. Uniform in thickness, handsomely tinned, first-class stock.

Gas Pipe Hooks.

Per 100.	Wrought,	Malleable.
$\frac{3}{8}$ inch.....	\$ 23	\$ 23
$\frac{1}{2}$ ".....	28	28
$\frac{5}{8}$ ".....	33	33
$\frac{3}{4}$ ".....	47	47
1 ".....	60	60
$1\frac{1}{4}$ ".....	75	75
$1\frac{1}{2}$ ".....	95	95
2 ".....	1 25	25

Discount on Wrought.....per cent.

Discount on Malleable.....per cent.

Plumbing Hooks.

Per 100.	Wrought,	Malleable.
$\frac{3}{8}$ inch.....	\$ 47	\$ 50
$\frac{1}{2}$ ".....	50	60
1 ".....	58	75
$1\frac{1}{4}$ ".....	65	1 00
$1\frac{1}{2}$ ".....	73	1 50

Discount on Wrought.....per cent.

Discount on Malleable.....per cent.

Notice:—Malleable are shaped to fit the pipe.

Soil Pipe Hooks.

PER 100. BLACK.

	Wrought.	Malleable.
2 inch.....	\$2 15	\$2 25
3 ".....	3 60	3 25
4 ".....	5 25	4 25
5 ".....	8 00	5 25
6 ".....	9 25	6 25

DISCOUNT

on Wrought.....per cent.

DISCOUNT

on Malleable.....per cent.

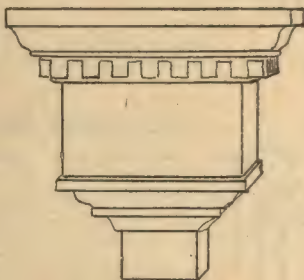
Notice:—Malleable have grooved drives to retain the mortar

CONDUCTOR HEADS,

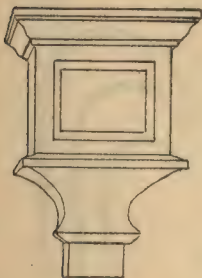
MADE OF
GALVANIZED IRON.



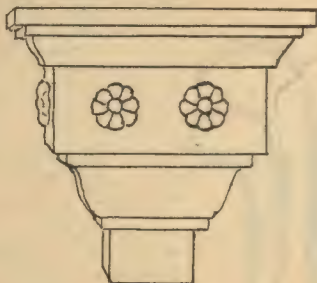
No. 53. Each, \$4.50



No. 56. Each, \$4.00



No. 54. Each, \$4.50

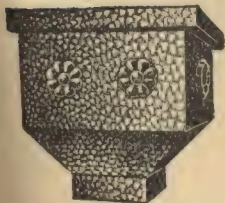


No. 57. Each, \$4.00

CONDUCTOR HEADS

MADE OF

GALVANIZED IRON.



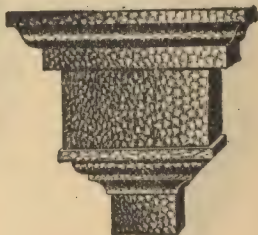
No. 1



No. 2



No. 3



No. 4

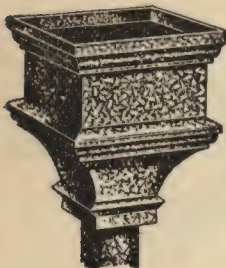
Each.....\$3.50

Each.....\$3.75

Price for Copper Quoted on Application

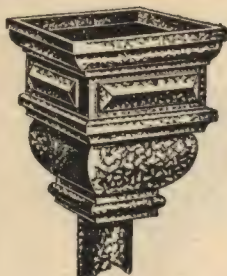
Conductor Heads,

MADE OF
GALVANIZED IRON.



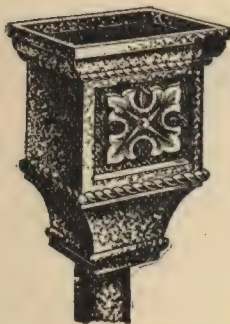
No. 2.

Each \$4.50.



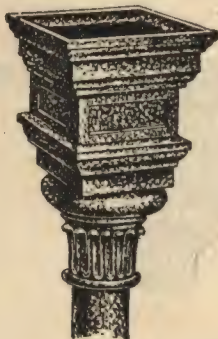
No. 4.

Each \$6.00.



No. 6.

Each \$4.50.



No. 8.

Each \$7.00.

Price for Copper Quoted on Application

Conductor Heads



No. 10

Each \$5.50



No. 12

Each \$4.50



No. 14

Each \$6.00



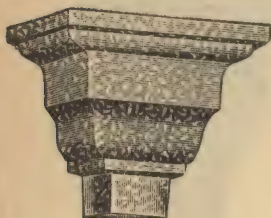
No. 16

Each \$6.00

OTHER STYLES MADE TO ORDER.

Conductor Heads

Number 15



Number 13



Face $8\frac{1}{2}$, depth $5\frac{1}{2}$ in.

Height 7 in

List,.....\$2.50

Face $8\frac{1}{2}$, depth $5\frac{1}{2}$ in.

Height 6 in

List,.....\$3.00

Number 17



Face 8 in.

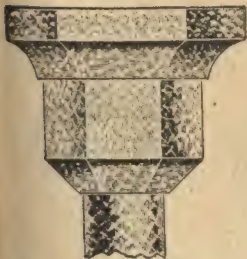
Depth 5 in.

Height $6\frac{1}{2}$ in.

List,.....\$2.00

CONDUCTOR HEADS

Number 9



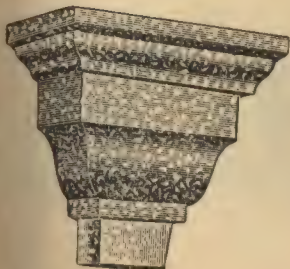
Face 9 in. Depth 9 in
Height 14 in
List, \$3.00

Number 20



Face 12 depth 7 in.
Height 14 in.
List, \$3.00

Number 11



Face 9 in
Depth 6 in
Height 7 in
List, \$3.00

Conductor Heads

Made of Best Galvanized Iron

Prices on Copper Heads quoted on application.

No. 280.



For 3 in. pipe.....\$.24
For 4 in. pipe......35
For 5 in. pipe......45

No. 281.



For 3 in. pipe.....\$1.00
For 4 in. pipe......1.25
For 5 in. pipe......1.50

No. 282.



For 3 in. pipe.....\$1.35
For 4 in. pipe......1.50
For 5 in. pipe......1.75

No. 283.



For 3 in. pipe.....\$1.50
For 4 in. pipe......1.75
For 5 in. pipe......2.00

No. 284.



For 3 in. pipe.....\$1.75
For 4 in. pipe......2.00
For 5 in. pipe......2.25

No. 285.



For 3 in. pipe.....\$1.35
For 4 in. pipe......1.50
For 5 in. pipe......1.75

No. 286.



For 3 in. pipe.....\$2.25
For 4 in. pipe......2.75
For 5 in. pipe......3.25

No. 287.



For 3 in. pipe.....2.50
For 4 in. pipe......3.00
For 5 in. pipe......3.50

No. 288.



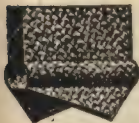
For 3 in. pipe.....2.50
For 4 in. pipe......3.00
For 5 in. pipe......3.50

Galvanized Cresting Blocks

Height from top of roll, 4 inches; length, 8 inches.

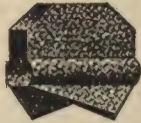
In ordering, state size of roll on which they are to be used.

No. 109.



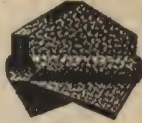
Price, each.....25 cents

No. 109½



Price, each.....25 cents

No. 109.



Price, each.....25 cents

No. 106



Price, each.....25 cents

No. 107.



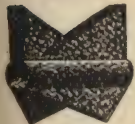
Price, each.....30 cents

No. 108.



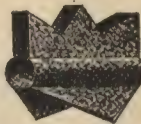
Price, each.....30 cents

No. 112



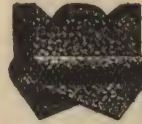
Price, each.....25 cents

No. 113.



Price, each.....30 cents

No. 114.



Price, each.....30 cents

V ANGLE RIDGE CAP

Made of Galvanized Steel.

In Three Sizes.



3 inch Apron.	Girt, 6 inches.	Price, per foot.....	\$.13
3½ inch Apron.	Girt, 7 inches.	Price, per foot.....	.14
4 inch Apron.	Girt, 8 inches.	Price, per foot.....	.16

Discount.....per cent.



Galvanized Steel Ridging

Unless otherwise specified we always ship 2 inch.



Diameter of Roll, inches.....	1¼	1½	2	2½	3
Width of Apron, inches.....	2	2	2½	3	3½
Girt, inches.....	7	8	10	12	14
Price, per foot.....	\$.16	\$.18	\$.21	\$.25	\$.30

Discount.....per cent.



Cresting Blocks and Finials

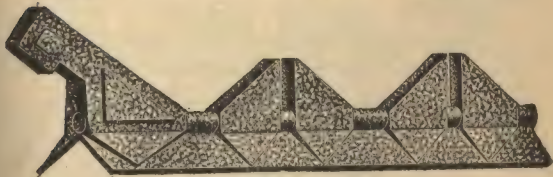
Galvanized Steel to fit 2 inch Ridge Roll.
Size 6 inches long, 5 inches high above Roll.

Can be adjusted to make various designs.

They need no soldering; simply nailed through the flange.



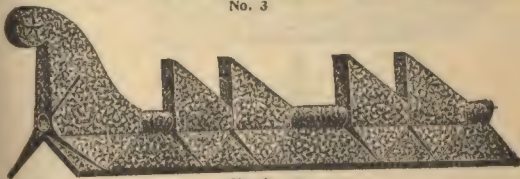
CRESTING BLOCKS AND FINIALS



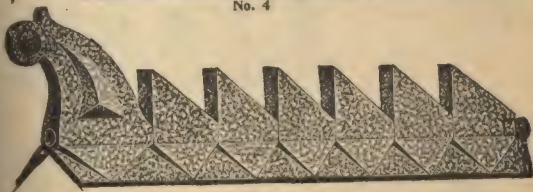
No. 2



No. 3



No. 4



No. 5

Cresting Blocks, per 100.....	\$20.00
No. 1 Finial, 13 ½ inches high, each.....	1.30
Nos. 2 and 3 Finials, 11 inches high, each.....	1.50
Nos. 4 and 5 Finials, 13 inches high, each.....	1.80

Discount..... per cent.

**Style D.**

Height, 7 inches.
Apron, 6 inches.

Cresting, per
foot.....\$ 30.
Finial..... 1 25

Style E.

Height, 11 inches.
Apron, 6 inches.

Per foot.....\$ 40
Finial..... 2 00

**Style F.**

Height, 11 inches.
Apron, 6 inches.

Per foot.....\$ 44
Finial..... 3 00

Style G.

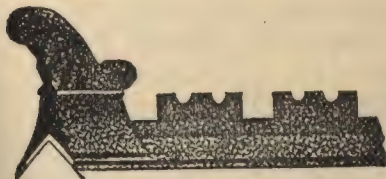
Height, 11 inches.
Apron, 6 inches.

Per foot.....\$ 46
Finial..... 2 25

**Style H.**

Height, 11 inches.
Apron, 6 inches.

Per foot.....\$ 46
Finial..... 3 00



Style J

Height, 11 inches.
Apron, 6 inches.

Per foot.....\$ 48
Finial..... 3 00



Style K.

Height, 11-inches.
Apron, 6 inches.

Per foot\$ 50
Finial, 28 inch..... 4 00



Style L.

Height, 11 inches.
Apron, 6 inches.

Per foot.....\$ 65
Finial, 22 inch..... 2 00



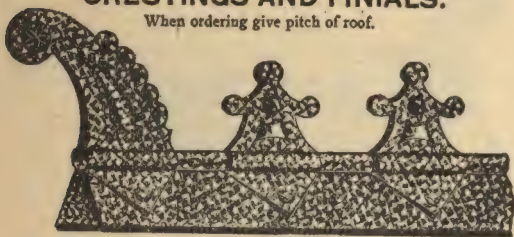
Style M.

Height, 10 1/4 inches.
Apron, 6 inches.

Per foot.....\$ 66
Finial, 18 inch..... 3 50

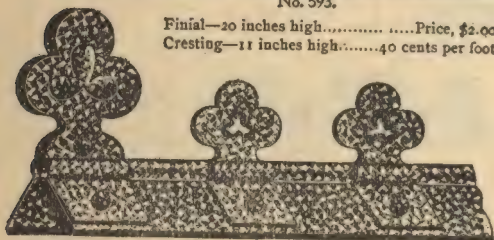
CRESTINGS AND FINIALS.

When ordering give pitch of roof.



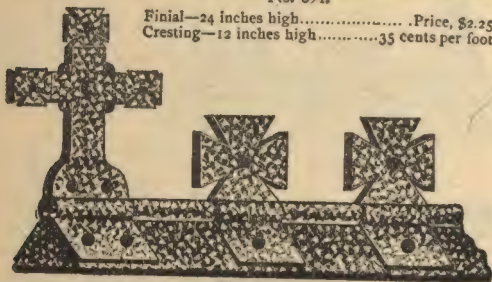
No. 593.

Finial—20 inches high.....Price, \$2.00.
 Cresting—11 inches high.....40 cents per foot.



No. 594.

Finial—24 inches high.....Price, \$2.25.
 Cresting—12 inches high.....35 cents per foot.



No. 595.

Finial—30 inches high.....Price, \$3.50
 Cresting—15 inches high.....50 cents per foot.

Tin Roofing is Good Roofing

Tin Roofing should be used to a larger extent than ever because it is excellent.

A tin roof is mighty durable, it is adaptable to any surface, and can be applied easily by any man in the trade.

One would think that the moderate first cost of tin, and the low cost of maintenance would alone influence greater usage.

L. D. BERGER

IC

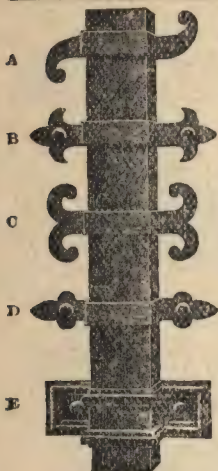
OLD PROCESS

We sell as much roofing tin as ever—but this isn't enough, we want to sell more than ever.

Tin loses nothing in appearance with age. It is light in weight; not affected by heat or cold; is protection against lightning; and prevents spread of fire.

L. D. B. IC Old Process is a high grade plate with a good 30 pound coating. In boxes 20 x 28 or in rolls ready to lay on the roof. Each sheet is stamped.

Our catalogue describes the different grades; write us for prices, and don't forget that TIN ROOFING IS GOOD ROOFING.



Ornamental Conductor Straps

GALVANIZED

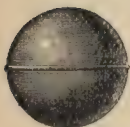
To fit Conductor Pipe of the following sizes:

	2x3	3x4	4x5	5x6
Style A....	\$0.60	\$0.60	\$0.65	\$0.70
B....	.40	.40	.45	.50
C....	.60	.60	.65	.70
D....	.40	.40	.45	.50
E....	.80	.85	.95	1.00

Discount..... per cent.

Zinc and Copper Balls

IN HALVES



Sizes	1	1½	2	2½	3	3½ inch
Zinc, each.....	\$ 40	40	40	.40	.40	.60
Copper, each..\$	40	40	40	.40	.60	.60

Sizes	4	5	6	7	8	9 inch
Zinc, each.....	\$ 60	60	72	1.00	1.20	1.80
Copper, each..\$	60	80	1.20	1.80	2.80	4.00

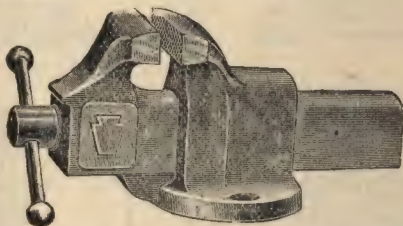
Sizes	10	12	14	15	16	18	20	24 inch
Zinc, each.....	\$2.40	3 00	8 40	10 60	12 60	17 00	20 00	36 00
Copper, each..\$	5.40	8 00	15 00	19 00	26 00	32 00	48 00	70 00

Discount..... per cent.

HERE'S THE VISE THAT YOU NEED

Many a fellow wants a vise that is healthy enough to do ordinary work without the drawback of excessive cost.

This vise has a jaw 4 inches wide and a steel screw.



It is not exactly a jeweler's tool, but it is just the thing to stand the slam and bang given it by the ordinary mechanic.

It will surely give you satisfaction, and, best of all, the price is

\$3.75

Hip Caps

Made of Galvanized Steel and Copper. Prices according to size and style.

No. 269.



No. 270.



No. 271.



No. 272.



No. 273.



Finials and Vanes

Made of Galvanized Steel, to fit round, square or octagon towers, and can be enlarged or reduced as requirements demand.

In ordering, please send sketch of base, giving exact measurements and pitch of roof.

If we do not illustrate the style of finial you desire, send us an outline, with measurements of what is wanted, and we will furnish drawings and estimates by return mail.

Prices on finials made of copper, and gilded with pure gold leaf, will be furnished on application.

Crating charged for at cost.

No. 224.



Height..... 8 ft.
Price each..... \$7.00

No. 225.



Height..... 8 ft.
Price each..... \$7.00

No. 226.



Height..... 8 ft.
Price each..... \$8.00

No. 233.



Height..... 8½ ft.
Price..... \$10.00

No. 234.



Height..... 8½ ft.
Price..... \$9.00

No. 235.



Height..... 8½ ft.
Price..... \$10.00

All Finials with Octagon or Hexagon bases other than shown in Catalogue up to 15 in. diameter, add \$1.50 to list. Larger ones, prices on application.



1 1/4 feet high.
No. 86, each, \$3.50



2 feet high.
No. 88, each, \$4.50



2 3/4 feet high.
No. 92, each, \$8.00



2 1/4 feet high.
No. 90, each, \$5.50



5 feet high.
No. 94, each, \$16.00

Finials.

Made of Galvanized Iron.

When ordering Finials state whether base is to be square, round or octagon, and give pitch of roof. Crating at cost.

We can make and give estimates on any other design, upon receipt of sketch or cut.



3½ feet high.
No. 206—\$12 00



4 feet high.
No. 414—\$8 00



6 feet high
No. 621—\$30 00



6½ feet high.
No. 622—\$24 00

Finials.



No. 203.

Height 3 feet. Price, each, \$12.00

Height 6 feet. Price, each, 20.00



No. 204.

Height 3 feet. Price, each, ~~\$12.00~~Height 6 feet. Price, each, ~~22.00~~

No. 205

Height 3 feet. Price, each, \$12.00

Height 4 feet. Price, each, 15.00

DISCOUNT Per Cent.

When ordering Finials, always state measurement and style of base.

Our idea in showing so many different designs of finials is to give the buyer a chance to select the one that suits the requirements. If you do not find a suitable design, or have an idea of your own, just send us a sketch and we will see that you get what you want.



3½ feet high.

No. 425—\$10 00



4½ feet high.

No. 555—\$11 00



5 feet high.

No. 624—\$16 00



6½ feet high.

No. 625—\$24 00



No. 301
Height 3 ft. \$7 50



No. 302
Height 3 ft. \$8 00



No. 303
Height 3 ft. \$8 00



No. 304
Height 3 ft. \$9 00



No. 305
Height 4½ ft. \$27 00



No. 306
Height 4 ft. \$14 00



No. 307
Height 4 ft. \$13 00



No. 308
Height 4 ft. \$14 00



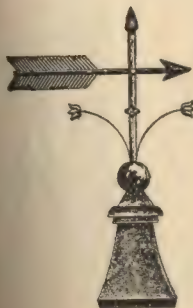
No. 309.
Height, 4 ft. \$14 00



No. 304.
Height, 3½ ft. \$11 00



No. 395.
Height 3½ ft. \$10 00



No. 317.
Height, 3½ ft. \$16 00



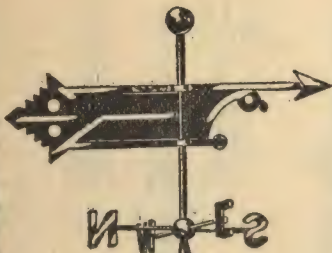
No. 306.
Height, 3½ ft. \$10 00



No. 320.
Height, 3 ft. \$10 00



4½ ft. high,
No. 557
Each \$12.00



4½ ft. high,
No. 559
Each \$14.00



4½ ft. high,
No. 553
Each \$11.00



Height, 8½ feet,
No. 626—each, \$50.00
Stem of Wrought Iron Pipe



4½ ft. high,
No. 560
Each \$16.00



10

Height 3 feet.
\$8.50.



11

Height, 2 feet,
4½ inches.
\$7.50.



12

Height 21 inches
\$5.75.



13

Height, 3 feet
4½ in. \$10.



14

Height, 3 ft. Base, 10 in.
\$15.00.

No. 268.

Height.....2½ ft.

Price, each...\$6.00



No. 269.

Height.....2½ ft.

Price, each...\$6.00



No. 190.

Height, 6 ft. Price, \$18.00.



61 Feet High.

No. 95, each, \$25.00



3½ Feet High.

No. 96, each, \$14.00



No. 588.

Height, 11 feet. Price, \$50.00.



Height, 5 feet. Base, 18 inches.
\$17.50.

No. 266.



Height..... 2 ft.
Price, each..... \$5.00



No. 184.
Height, 5 feet.
Price, \$17 00.



No. 404.
Height, 6 ft.
Price, \$22.00.

No. 203.



No. 251.



No. 255.



Height.....	2½ ft.	Height.....	2½ ft.	Height.....	2½ ft.
Price, each.....	\$8.80	Price, each.....	\$8.60	Price, each.....	\$8.00

No. 161.



Height.....7 ft.
Price each.....\$30.00

No. 253.



Height, 8 ft.....Price, \$30.00
Height, 10 ft.....Price, \$34.00



No. 111. 7½ feet high.
Each, \$35.00.

. 1179



No. 106. 5½ feet high.
Each, \$24.00.



20½ x 29 inches. \$8.00.



No. 202.
4½ feet high, each, \$15.00.



No. 107. 5½ feet high.
Each, \$20.00.



No. 108. 7 feet high.
Each, \$30.00.



No. 109. 6¼ feet high.
Each, \$28.00.



No. 110. 6¼ feet high.
Each, \$30.00.



No. 201.

Height, 7 feet. Price, \$1500.

No. 236.



Height.....4 ft.
Price.....\$12.00

No. 237.



Height.....4 ft.
Price.....\$12.00

No. 238.



Height.....4 ft.
Price.....\$12.00

No. 239.



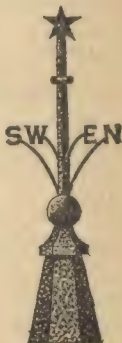
Height.....4 ft.
Price.....\$14.00

No. 240.



Height.....4 ft.
Price.....\$14.00

No. 241.



Height.....4 ft.
Price.....\$14.00

JUST ABOUT ADJUSTABLE ELBOWS

You can't always tell a man by the clothes he wears, but you can get a sort of index on his general make-up.

When you see a man in a pair of overalls, a flannel shirt and a lunch kettle, you don't remark: "Well, that fellow's all ready for his box at the opera this evening." That is to say, you don't think such a thing if you think RIGHT.

And when you see a man in a dress suit, wearing a silk hat, it isn't wise to deduct that he is about to dig a cesspool.

You can get a general idea of the character of the men by their appearance, but you can't always tell where they're going, what they are about to do and how well or poorly they will do it.

If some one were to show you a watch, you would know immediately that it wasn't a Grandfather's clock, and thus class it in your mind. But you wouldn't know whether or not it was a GOOD watch—even if you were told that it was very, very nice indeed.

And that's the idea. When we show you a picture of our adjustable elbow, you simply class it as an elbow and let it go at that. You see that it appears to be a regular elbow—without a silk hat or overalls—and we tell you that it is a very nice elbow. Otherwise you know nothing about it.

Now we want you to believe what we tell you. There is no reason why you shouldn't, as we have never lied about the quality of our goods.

And here's the point. We are not in business just to have you read and believe what we say about the elbow, we are in business to have you BUY the elbow, use it and be satisfied that it just fills the bill for quality and all around satisfaction.

Here's hoping that you won't be disappointed. For we haven't any wild claims to make.

Careful workmen take the best material and work up L. D. B. adjustable elbows on power-driven machinery.

The elbow will not fall apart if slapped, nor is it too tight to turn freely and easily into the desirable position that you require.

We make them of tin or galvanized iron at a price that, when quality is taken into consideration, is very low.

(See Pages 114-115)

L. D. BERGER, PHILADELPHIA, PA.

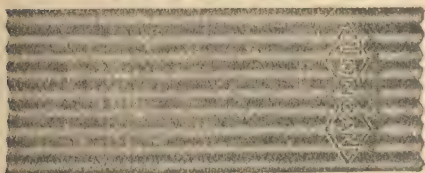


SHEETS

Black or Galvanized.



CORRUGATED SHEETS



Corrugated, $\frac{5}{8}$ ", $1\frac{1}{4}$ ", 2", $2\frac{1}{2}$ ", 3".

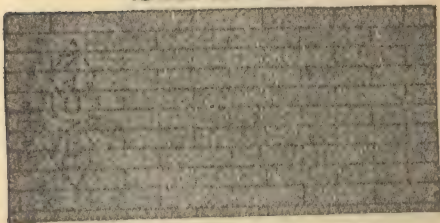
Lengths up to 144".

The corrugations are full and uniform.

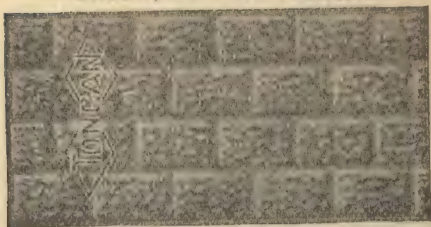
Curved Corrugated—No. 10 to 26 gauge.

Can Also Furnish in Steel.

TONCAN METAL SIDING



Imitation Pressed Brick Siding.
Sheets, 28 x 60 inches. •



Imitation Rock Faced Stone Siding
Sheets, 28 x 60 inches.

Imitation Rock Faced Brick Siding also furnished in same size sheets.

Can Also Furnish in Steel.

TONCAN

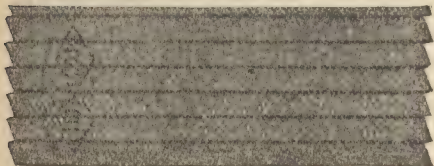
METAL

ROOFING



Pressed Standing Seam Roofing.
Same lengths as V-Crimped Roofing.

SIDING

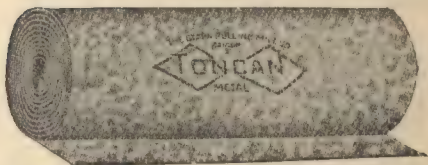


Weather Board Siding.

Sheets, 24 x 96 inches and each
sheet shows 6 boards 4 inches wide.

Can Also Furnish in Steel.

TONCAN METAL ROOFING



Roll Roofing.
Standard Styles.



V-Crimped Roofing.

5, 6, 7, 8, 9, 10, 11, or 12 ft. long.
Lays 24 in. center to center of crimp.

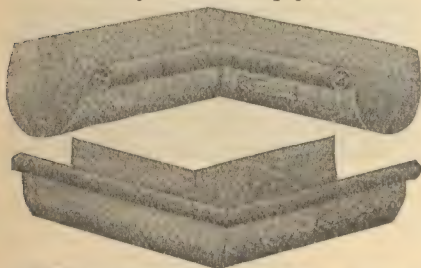
Can Also Furnish in Steel.



Inside or Outside Miters

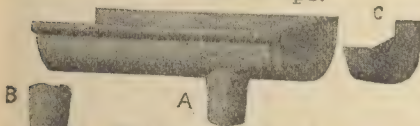
Single or Double Bead.

Slip Joint or Lap Joint.

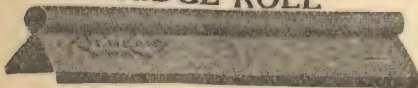


COMPLETE END PIECES

Ends and Drops.

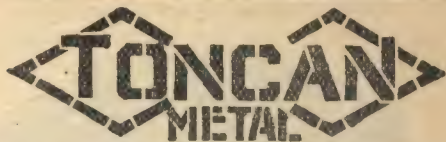


RIDGE ROLL

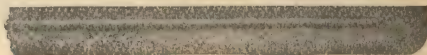


Plain or Ornamental.

Can Also Furnish in Steel.



EAVES TROUGH, PIPE, Etc



In 10 ft. lengths.
Single or Double Bead.
Slip Joint or Lap Joint.

Conductor Pipe



Round or Square, 10 ft. lengths.

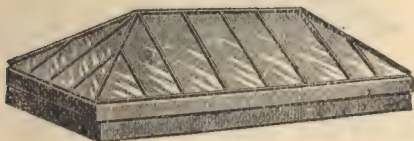
Elbows, Shoes.

Standard Sizes
and Styles.



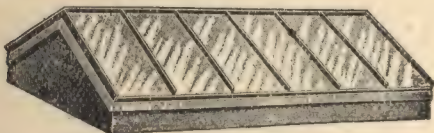
Can Also Furnish in Steel

Galvanized Iron Skylights



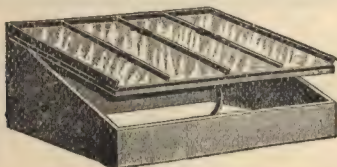
No. 1.

Illustrates a plain Hipped Skylight without Ventilation. Curb should be level.



No. 2.

Gable or Double pitch Skylight without Ventilation, when span is less than 4 feet, the curbs should be level, the ends of skylight will be of Iron; if span is 4 feet or wider ends should be of wood, and pitch of one-third; or, in other words, peak of gable should be one-third of span higher than low side.

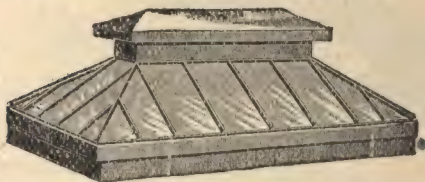


No. 3.

Illustrates a Single pitch Skylight, the pitch being formed in the curb. This skylight is arranged to open as shown, and can be fastened at any desired angle by means of curved bar arrangement.

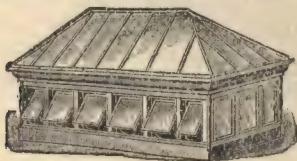
In ordering skylights give outside measurements of curb and pitch and any other details relative to the order.

Galvanized Iron Skylights



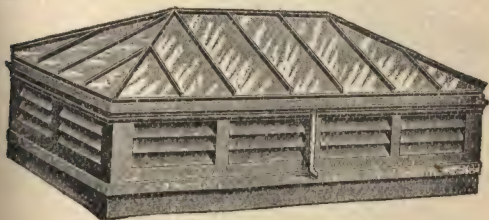
No. 5.

Illustrates a plain Hipped Skylight with ridge Ventilator.



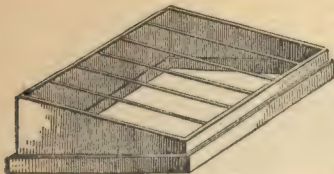
No. 7.

Illustrates a Hipped Turret Skylight with glazed opening sash for ventilation. Sashes operated by gearing and rods from below especially adapted for large openings over stores and work shops, where much ventilation is desired without obstruction of light



No. 8.

Illustrates a Hip Skylight with Louvre Ventilator. The ventilators may be either stationary or moveable, as desired. Has moulded gutter and base, and is provided with leader to carry water from gutter to roof. Ventilators framed in metal.

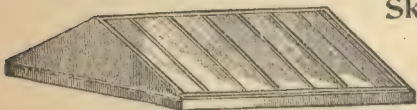


Skylight.

Single Pitch.

Galvanized Iron and
Copper.

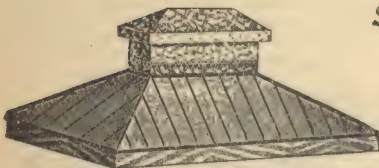
Always give size
when writing for prices.



Skylight.

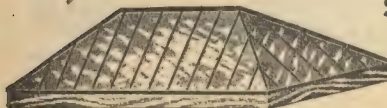
Double
Pitch

Galvanized
Iron and
Copper.



Skylight,

Galvanized
Iron
and
Copper.



Skylight.

Galvanized
Iron and
Copper.

THE HOUSE THAT JACK BUILT

There must have been some quality to that house that Jack built. It is drilled into us when we are kids in the nursery and referred to occasionally throughout life.

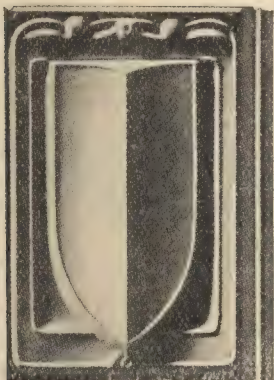
Now Jack must surely have given considerable thought to the roofing on that house of his; because the roof is a very important detail. If he did give much thought to this—and we believe he did—he certainly put up copper pipe and gutter.

Copper pipe and gutter is great stuff to use. Jack knew it. He knew that copper would stand long after other materials had gone the voyage. So he used it. And after it was up in place he just stopped worrying about that part of the operation.

If you are called in to help out on a house like Jack built, just explain to the owner that copper pipe and gutter is the real dope. He'll remember your advice and your work long after the price has been forgotten. There's a discount to the trade. We manufacture copper pipe, gutter, mitres, end pieces, caps and outlets.

We're right on the job with prices. Just ask us.

“L. D. B. NEAT-RITE” METAL SHINGLES



Here is a fine metal shingle that makes a noise like attractiveness, safety, economy and lots of other nice, desirable features.

The application is similar to that of wood shingles or slate. The same rules apply to and govern the laying of both.

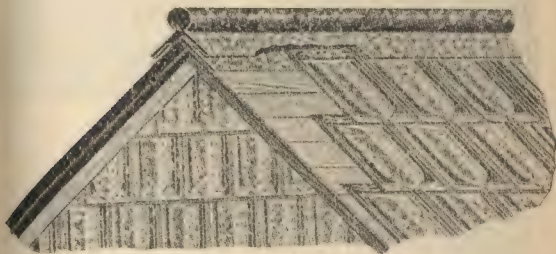
“L. D. B. Neat-rite” shingles are made in painted and galvanized steel and Terne plate painted. Here are the sizes:

Sizes	7 x 10"	10 x 14"	14 x 20"
No. to square	310	136	67

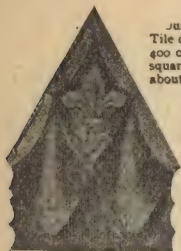


Any work-
man w h o
u n d e r-
stands the

simple rules of applying wood shingles or slate will have no trouble in laying these shingles. As for tools, a pair of hands, a pair of snips and a hammer are all that is required to lay "L. D. B. Neat-rite shingles." The result is a waterproof, fireproof, ornamental and inexpensive roof. If properly painted, it will last, without repairs, as long as the building stands.



The illustration shows a section of roof with "L. D. B. Neat-rite" shingles when applied, also is shown the special ridge capping. Let us hear from you now regarding the shingle proposition.



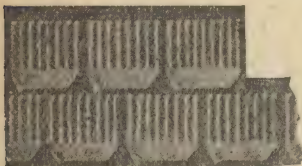
Cluster of three Gothic Tiles, showing two plain tiles and one ornamental tile.

Our Gothic and Diamond Tile cover 6x6 inches each; 400 cover one square (100 square feet). Gross weight about 85 lbs. per square.



Cluster of three Diamond Tiles which can be furnished with plain centre, or with rosette, as shown in illustration.

Our EASTLAKE and OCTAGON Shingles are designed for Churches, Residences, and all buildings where moderate-priced, reliable, durable, ornamental, medium-weight, fire and storm-proof roof is desired.



OCTAGON SHINGLE, size 8x26 1/2 inches, 66 sheets, or 198 figures, one square (100 square feet). Three figures stamped on each shingle. Weight about 80 lbs. per square.



EASTLAKE SHINGLE, size 7 1/2 x 26 1/2 inches, 32 sheets cover one square (100 square feet). Weight, about 75 lbs. per square.



"VICTOR TILE."
Size, 10 x 14 inches.
148 Shingles per Square.
Weight, about 85 pounds per square.



JAPANESE HIP-CAP. — Makes extra fine finish for hips of Mansards, Towers, Bay-windows and all buildings where a very ornamental finish is desired at a small additional cost.

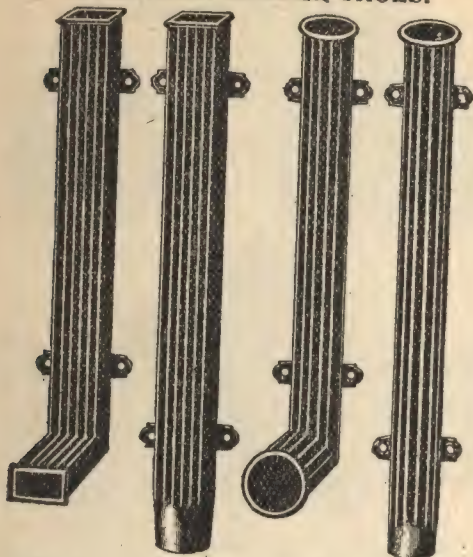
A FINE FIRE-POT

Here is a gasoline fire-pot that is a perfect blast furnace. By means of a strong air pressure it produces a clear, blue flame, entirely devoid of smoke or dirt. The heat it generates is intense, it will heat heavy irons very quickly. The flame is so directed as to heat the coppers from heel to point, thus avoiding burning off the tinning.



This fire-pot is light and strong, capable of standing the rough usage it is sure to receive. You can have a jobbing pot of metal ready for wiping joints in four or five minutes. NO wind will put out the flame. The burner doesn't get clogged or eaten out by drippings. Shipping weight of the No. 5 is about 12 pounds. It has a 2-quart galvanized iron tank, and the price is \$4.50. No. 1 is same as No. 5 but has a gallon tank, price \$6.00. We'd like to have your order for one of these fire-pots; they give remarkable satisfaction.

CAST-IRON LEADER SHOES.



No.	No. 4.	No. 3.	No. 1	No. 2.	
No.		Size.	Length.	Each.	
1	3 inch.....	54 inch.....	.....	\$3.50
1	4 inch.....	54 inch.....	.....	5.00
1	5 inch.....	60 inch.....	.....	6.50
1	6 inch.....	60 inch.....	.....	8.50
2	3 inch.....	48 inch.....	.....	3.25
2	4 inch.....	48 inch.....	.....	4.25
2	5 inch.....	60 inch.....	.....	6.00
2	6 inch.....	60 inch.....	.....	8.50
3	2x3 inch.....	48 inch.....	.....	3.50
3	3x4 inch.....	48 inch.....	.....	5.25
3	4x5 inch.....	60 inch.....	.....	9.00
4	2x3 inch.....	48 inch.....	.....	3.50
4	3x4 inch.....	48 inch.....	.....	5.25
4	4x5 inch.....	60 inch.....	.....	9.50

WIRE CONDUCTOR STRAINERS



GALVANIZED

ROUND

	Per doz.
2 inch,	\$1.50
2½ "	1.75
3 "	2.00
3½ "	2.50
4 "	3.00
5 "	5.00
6 "	6.00

SQUARE

	Per doz.
2 x 3 inch,	\$4.25
3 x 4 "	7.25
4 x 5 "	9.00

Other sizes made to order.

DISCOUNT.....per cent.

COPPER

ROUND

Per doz.

3 inch,	\$2.30
3 "	3.00
4 "	4.60
5 "	9.60
6 "	11.00

SQUARE

Per doz.

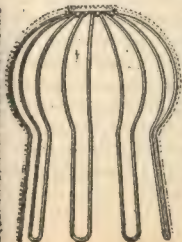
3 x 3 inch,	\$5.00
3 x 4 "	8.00
4 x 5 "	11.00

DISCOUNT.....per cent.



COLEMAN'S ADJUSTABLE SPOUT STRAINER

COLEMAN'S ADJUSTABLE SPOUT GUARD



PATENTED, APRIL 21, 1903

Can be easily fitted to round or square pipe.

Made of heavy galvanized or copper wire.

Are more durable and economical than the old-style guards.

No. 1, Galvanized, will fit 2 to 4 in. pipe.

" 2, " " 5 " 6 "

" 3, Copper, " 2 " 4 "

" 4, " " 5 " 6 "

Write for prices.

YOUR FAITH

Do you remember buying the old, loose, musty soda crackers from the grocer who dug them out of a barrel with his grimy hands?

Now you plunk down your little nickel and the cleanly grocer hands you a clean, dustproof package. You know they are better-baked biscuits than the old kind, because you know the mark on the package and you've had some of the same lot before.

Then you want a couple of collars. You step into the store and give the clerk the size. Then he says, "What style collar do you want?" Then you give him the name of the collar you want. Now, honestly, don't you?

You don't just tell the clerk that you want a collar—meaning any old thing so it's a collar. You tell him the kind of a collar you want. You know who manufactured it, and you know the name of it—and you know that it's a good collar, that's why you get it again.

Several years ago you gave little more thought to a pair of shoes after you found them easy to pull on. Now you want to know how long they're going to stay on your feet before your toes ooze out of them. So you look for the maker's name on the sole—his name assures you satisfactory wear or your money back, and you KNOW it. That's why you slide your feet into a trade-marked shoe and walk out of the shop with a smile all over your face.

You get these named articles because you have *faith* in the manufacturer who makes such good stuff that he puts his name on it.

Suppose you bought a trade-marked package of biscuits, a marked collar or a marked pair of shoes. The biscuits prove to be good, the collar fair and the shoes turn out to be rotten.

Next time you want biscuits you ask for the same kind, you insist upon getting them, no matter what the clerk tells you about another make.

The next collar you buy is any collar the clerk happens to recommend, because the manufacturer didn't make a good enough collar to hold your trade.

The next pair of shoes you buy do not bear the brand that proved to be rotten. You know that manufacturer's name, and you are *on* to him. You wouldn't pay a red cent for any more of his stuff. He has permanently lost a customer by putting his name on a bum pair of shoes.

Do you see how it works out? If that manufacturer hadn't smeared his name on a pair of shoes you would likely have bought some more of his stuff without knowing it. You would come back to the shoe store and tell the salesman that he stuck you with a punk pair.

The salesman would apologize. He'd snatch another box from the side of the wall and say: "Here's a better pair, sir. Just the thing you want." And they might be better, at that. But the same manufacturer made them. You don't

know that, because there's no name on them. So you unconsciously take another chance on a pair of shoes.

The only fellow who takes a chance on trade-marked stuff is the manufacturer. You have faith and confidence in the goods, because the manufacturer assumes the whole responsibility for their quality.

Good products depend upon identification, so that they may be recognized, asked for, praised, recommended and called for again.

Great quantities of L. D. B. Adjustable Elbows have been turned out and spread around the country. No trade mark was shown on them.

The man on the job likes the L. D. B. make—and when he gets more adjustable elbows, he asks for the same kind of elbows he had before. Maybe he gets them, and maybe he doesn't; they haven't been marked so he can't tell by a brief look.

Two pairs of shoes may look very much alike. The difference is not so much in the looks as it is in the fit and lasting qualities.

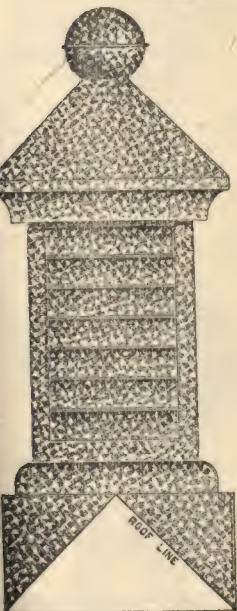
Know what you're getting. Demand L. D. B. Adjustable Elbows from your jobber. Then if they don't make good we're the losers, not you.

It has not been found advisable to mark ALL the adjustable elbows we manufacture at the present time. But in the near future we hope to get the name that means quality and service on all of the product.

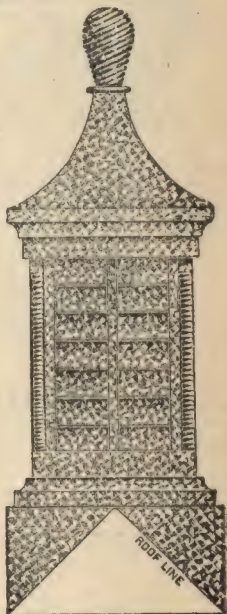
Louvre Ventilators==Square.

MOST MODERN AND EFFECTIVE VENTILATOR MADE

Plate of Heavy Galvanized Iron



No. 1033, Square.



No. 1034, Square.

	No. 1033.	No. 1034
18 inch Base, 5 feet high.....	\$13.00	\$14.00
24 inch Base, 6½ feet high.....	16.50	18.00
30 inch Base, 8 feet high.....	20.00	22.50
36 inch Base, 10 feet high.....	27.50	30.00

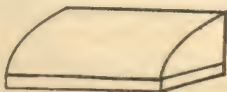
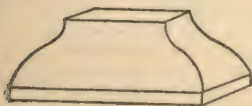
Crates at cost.

Galvanized Shanty Caps.



PRICE.	
Size.	Per Piece.
4 in.....	.45
4½ ".....	.50
5 ".....	.50
5½ ".....	.55
6 ".....	.60
7 ".....	.60
8 ".....	.75
9 ".....	1.00
10 ".....	1.25
12 ".....	1.50

Range Hoods



Star.



Earl.



6 inches...	7	7 1/2	8	8 3/4	9	9 1/2	10	10 1/2
Price.....	\$1 00	1 00	1 50	1 50	1 75	2 00	2 50	3 00
6 inches...	6	7	8	9	10	11	12	14
Price.....	\$3 40	4 00	4 65	5 20	5 75	6 75	13 00	20 00
6 inches...	18	20	24	30	36	40	48	54
Price.....	\$27 00	35 00	40 00	65 00	120 00	180 00		

ROYAL VENTILATORS.



Good Service.

Standard List Above.

Acme Ventilators.

Price of Frame and Hood only.

6 inch.....	\$2 12
7 "	2 30
8 "	2 60
9 "	2 90
10 "	3 40
12 "	4 40

Price of Frame only.

6 inch.....	\$1 12
7 "	1 20
8 "	1 30
9 "	1 40
10 "	1 60
12 "	2 20



Acme.

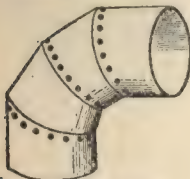
Straight Seam Riveted Pipe and Fittings

MANUFACTURED OF

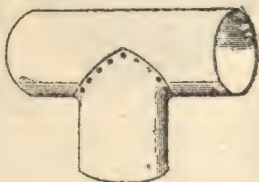
HEAVY GAUGES OF BLACK AND GALVANIZED SHEET IRON.

SUITABLE FOR

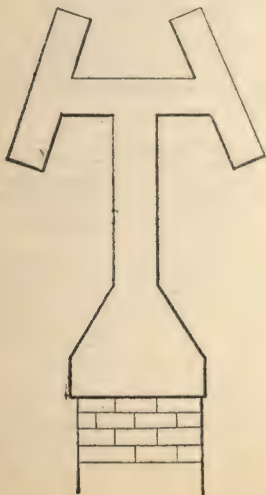
Water, Blower, Air, Ventilator Pipe, and Smoke Stacks, &c.



HEAVY RIVETED ELBOW.



HEAVY RIVETED TEE



OLD STYLE VENTILATOR

No. 24 Gauge.

4	inch each,	.....	\$3 50
4½	" "	.....	3 75
5	" "	.....	4 00
5½	" "	.....	5 00
6	" "	.....	5 25
7	" "	.....	5 50
8	" "	.....	6 00
9	" "	.....	7 00
10	" "	.....	8 00
12	" "	.....	10 00

BASES EXTRA.



The "Best" T Chimney Top.

The No. 10½ Cap will fit the following sized flues: 4 x 8 in., 8 x 8 in., 4 x 12 in. and 8 x 12 in.

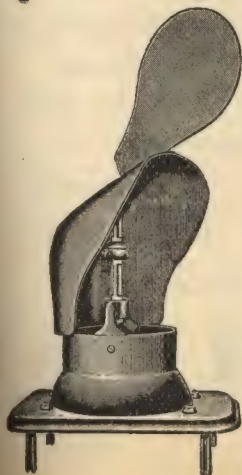
Price per doz., T Tops, \$18.00.

The "Best" Chimney Cap.

No. 10½ for Chimneys.

1½ x 2	Brick	Flues 4 x 8
2 x 2	Brick	Flues 8 x 8
1½ x 2½	Brick	Flues 4 x 12
2 x 2½	Brick	Flues 8 x 12

Collar for 8 in. pipe, per doz. \$10.50.



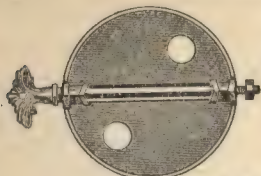
"The Best" Revolving Chimney Top.

No. 1½ for Chimneys.

1½ x 2	Brick	Flues 4 x 8
2 x 2	Brick	Flues 8 x 8
1½ x 2½	Brick	Flues 4 x 12
2 x 2½	Brick	Flues 8 x 12

Price, \$2.50 each.

This cap as illustrated is made of cast iron.



Plain Dampers.

Sizes:
 4 inch. 4 1/2 inch. 5 inch.
 5 1/2 inch. 6 inch. 7 inch.

Price, per pound.....\$

These Dampers are all gauged to a true size to fit the pipe, and will not turn in the rod.

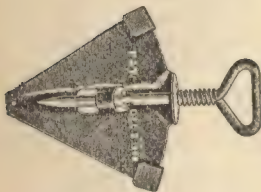
Hot Air Sizes—7, 8, 8 1/2, 9, 10, 11 and 12 inches.



Improved Damper Clips.

Price, per dozen:\$ 34

Made with solid rivets and extra holes.

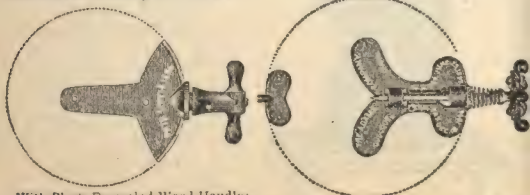


THE "STERLING" NO-RIVET Damper Clip.

Price, per dozen..... 75

Buffalo Damper Clips.

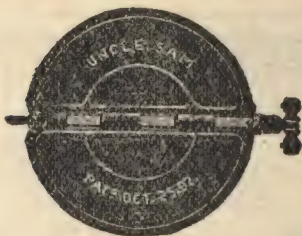
Diamond Damper Clip,



With Black Enamelled Wood Handles.
 No. 1 per dozen.....\$ 75

Price, per dozen.....\$ 75

The Uncle Sam Damper.



Heater Pipe Damper.

The stem is malleable iron, pointed, and is easily driven through the pipe. The Damper Plate is made of cold rolled pickled steel, corrugated to stiffen it and prevent warping.

The difference in weight pays the freight.

3	4	4½	5	5½	6	7	Inch
10 85	.85	.85	1 00	1 10	1 15	1 60	Per dozen
8	8½	9	10	10½	12	12½	Inch
2 20	2 45	2 65	2 80	3 05	3 50	3 75	Per dozen

Diamond Damper



4	inch, per dozen.....	\$1 25
4½	" "	1 30
5	" "	1 35
5½	" "	1 45
6	" "	1 50
7	" "	2 00

Discount..... per cent

Oblong Square-Corner Hot-Air Dampers.



FOR TIN FLUES.

2 1/4 x 6 inch..	\$ 11	3 1/4 x 10 inch..	\$ 17
2 1/4 x 8 inch..	13	4 x 8 inch...	17
2 1/4 x 9 inch..	14	4 x 9 inch...	18
3 x 8 inch..	14	4 x 10 inch...	19
3 1/2 x 8 inch..	15	4 x 12 inch...	20
3 1/2 x 9 inch..	16		

Square Dampers.



FOR BRICK FLUES.

4 x 6 inch, 2 slats, each.....	\$ 17
4 x 9 inch, 2 slats, each.....	19
4 x 12 inch, 2 slats, each.....	21
5 x 5 inch, 2 slats, each.....	17
6 x 6 inch, 3 slats, each.....	18
6 x 9 inch, 3 slats, each.....	22
6 x 12 inch, 3 slats, each.....	26
8 x 8 inch, 3 slats, each.....	24
9 x 9 inch, 3 slats, each.....	28

Round Dampers.

FOR TIN FLUES.



6 inch.....	\$ 24
7 inch.....	26
8 inch.....	28
8 1/2 inch.....	30
9 inch.....	32

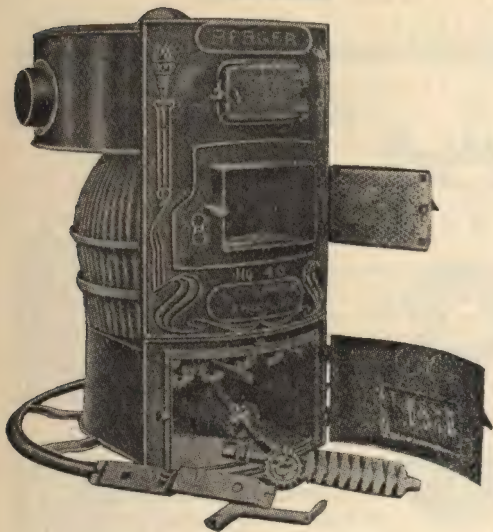


Oval Hot-Air Dampers.

2 1/4 x 9 inch.....	\$ 30
3 1/2 x 10 inch.....	38
4 x 9 inch.....	40
4 x 10 inch.....	40
4 x 12 inch.....	45
6 x 12 inch.....	54

The Berger Furnace

40 Series



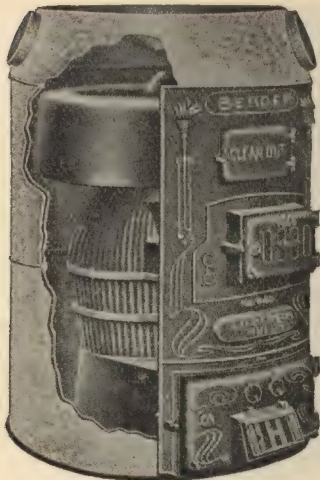
Heavy Steel Plate Radiator

Number	Price Castings Portable	Price Double Castings	Diam. Casing, Inches	Diam. Fire Pot, Inches	Diam. Grate, Inches	Depth Fire Pot, Inches	Height Castings, Inches	Diameter Smoke Collar		Radiating Surface Sq. Ft.	Estimated Heating Capacity Cubic Ft.	See note Page 30.
								Hard Coal	Soft Coal			
28	\$ 56.00	\$ 8.25	28	18	16	11	42	7	8	36	6	to 8,000
32	63.00	9.50	32	20	18	12	46	7	8	40	8	to 12,000
36	75.00	10.75	36	22	20	13	48	7	8	46	12	to 18,000
40	92.00	12.00	40	24	22	14	50	7	8	56	16	to 25,000
44	113.00	13.00	44	26	24	14	52	8	9	66	25	to 35,000
48	136.00	14.50	48	28	26	15	54	8	9	72	35	to 50,000
54	173.00	16.00	54	30	28	17	61	8	9	80	50	to 65,000

NOTE.—Always specify whether Heater is to be used for Hard or Soft Coal.
Can be furnished "Brick Set" except Nos. 28 and 32. See Page 29 for
information.

The Berger Furnace

040 Series



One Piece Cast Iron Radiator

Number	Price Castings Portable	Price Double Casings	Diam. Casing, Inches	Diam. Fire Pot, Inches	Diam. Grate, Inches	Depth Fire Pot, Inches	Height Castings, Inches	Diameter Smoke Collar		Radiating Surface Sq. Ft.	Estimated Heating Capacity Cubic Ft.	See side Page 101
								Hard Coal	Soft Coal			
032	\$ 69.00	\$ 9.50	32	20	18	12	46	7	8	40	10 to 12,000	
036	82.00	10.75	36	22	20	13	48	7	8	46	12 to 18,000	
040	109.00	12.00	40	24	22	14	50	7	8	56	15 to 25,000	
044	123.00	13.00	44	26	24	14	52	8	8	66	20 to 31,000	
048	148.00	14.50	48	28	26	15	54	8	8	72	25 to 36,000	
054	190.00	16.00	54	30	28	17	61	8	9	80	30 to 65,000	

NOTE:—Always specify whether Heater is to be used for Hard or Soft Coal. Can be furnished "Brick Set" except No. 032. See Page 79 for information.

L. D. BERGER, PHILADELPHIA, PA.

The Berger Furnace

800 Series



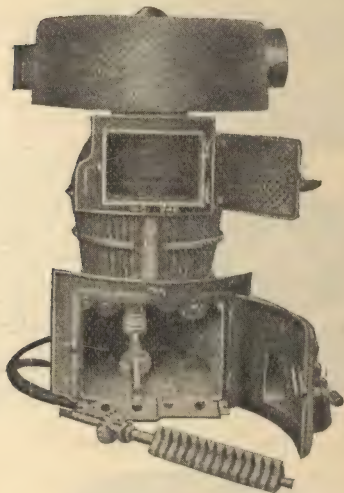
Heavy Steel Radiator—Large Casing

Cubic Ft.	Price Castings, Portable.	Price Double Castings	Diam. Casing Inches	Diam. Fire Pot, Inches	Diameter Grate, Inches	Depth Fire Pot, Inches	Height Cast- ings, Inches	Diam. Smoke Collar Inches		Rad. Surface Sq. Ft.	Estimated Heating Capacity Cubic Ft.	See note Page 30
								Hard Coal	Soft Coal			
832	\$ 60.00	\$ 9.50	32	18	16	11	42	7	8	36	9 to	12,000
836	70.00	10.75	36	20	18	12	46	7	8	40	13 to	16,000
840	86.00	12.00	40	22	20	13	48	7	8	46	16 to	22,000
844	106.00	13.00	44	24	22	14	50	7	8	56	22 to	30,000
848	130.00	14.50	48	26	24	14	52	8	9	66	30 to	40,000
852	155.00	15.50	52	28	26	15	54	8	9	72	40 to	60,000

NOTE.—Always specify whether Heater is to be used for Hard or Soft Coal.

The Berger Furnace

900 Series

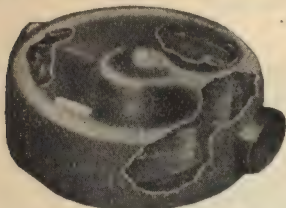


One Piece Cast Iron Radiator—Large Casing

Number	Price Castings Portable.	Price Double Casings	Diam. Casing Inches	Diam. Fire Pot, Inches	Diameter Grate, Inches	Depth Fire Pot, Inches	Height Cast ings, Inches	Diam. Smoke Collar Inches		Rad. Surface Sq. Ft.	Estimated Heating Capacity, Cubic Ft.	See note Page 30.
								Hard Coal	Soft Coal			
932	\$ 66.00	\$ 9.50	32	18	16	11	42	7	8	36	9 to 12,000	
936	76.00	10.75	36	20	18	13	46	7	8	40	12 to 16,000	
940	94.00	12.00	40	22	20	13	48	7	8	46	16 to 22,000	
944	116.00	13.00	44	24	22	14	50	7	8	56	22 to 30,000	
948	142.00	14.50	48	26	24	14	52	8	9	66	30 to 40,000	
952	169.00	15.50	52	28	26	15	54	8	9	72	40 to 60,000	

NOTE.—Always specify whether Heater is to be used for Hard or Soft Coal.

The Berger One Piece Cast Radiator



SOFT COAL.



HARD COAL.

This illustration shows our ONE-PIECE CAST IRON RADIATOR and the difference in construction between the Hard and Soft Coal patterns. In the soft coal construction the combustion travels in both directions through the RADIATOR. In the hard coal the combustion travels in one direction and passes completely around the radiator before passing into the smoke pipe. We can also furnish the cast radiator arranged so that it can be changed from hard to soft coal construction by the dealer. This should be ordered as "INTER-CHANGEABLE CAST RADIATOR." Our cast radiators are made by a patented molding process, and are absolutely even and gas-tight.

The Berger Grate



The grate illustrated above is used on all Berger Furnaces except 42 and 43 series and the Berger Schoolhouse Heaters. Its simplicity and effectiveness will appeal to practical furnacemen—only necessary to remove two outer pins to replace any bar. We believe this to be the best grate ever made.

The Berger Combination Heater



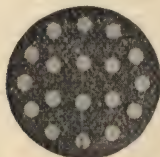
This Combination heater can be used to advantage in any of the Berger lines. It can easily be installed in furnaces which have been in use, and is a great help in heating rooms at long distances from the furnace.

PRICE LIST.

Sizes	5 in.	6 in.	8 in.	12 in.	16 in.	20 in.
Weight.....	3	3	4½	6	7	8
Tapping.....	1	1	1¼	2	3	3¼
Capacity, Sq. Ft., Radiation....	30	35	75	125	300	500
Prices.....	\$4.00	\$5.00	\$10.00	\$14.00	\$23.00	\$50.00

An additional charge of \$5.00 net will be made for labor and nipples when ordered mounted in furnaces.

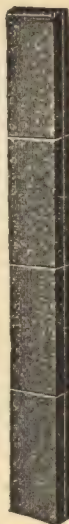
The Berger Wood Grate



This Wood Burning Grate is arranged to set on top of the regular grate bars and can be inserted and removed through the feed door. It can be used on all Berger Furnaces, but the 500, 1000, 1100 and 1200 series are best adapted for wood on account of their large double feed doors.

Hot Air Pipe, Stacks and Boxes.

Double Seamed.



	Price, per Foot.	I. C.	I. X.	Galv.
6 in. Rd. Heater Pipe, \$		17	\$ 18	\$ 24
7 " " " "		19	21	28
8 " " " "		21	23	32
8½ " " " "		22	24	34
9 " " " "		23	26	36
10 " " " "		26	28	44
12 " " " "			34	60
14 " " " "			40	
16 " " " "			54	
18 " " " "			72	
2¼ x 9 inch Heater Pipe		21	24	
3½ x 8 " " "		21	24	
3½ x 10 " " "		22	26	
4 x 10 " " "		24	28	
4 x 11½ in. " "		26	30	
5 x 10 " " "			30	
6 x 12 " " "			38	
8 x 10 " " "			38	
8 x 12 " " "			42	
8 x 20 " " "			58	
10 x 20 " " "			77	



Angles, Casing Collars, Tee Joints.

Inches	5	5½	6	7	8	8½	9	10	12
I. C. Tin Angles.....			.19	.21	.24	.26	.29	.33	.38
I. X. Tin Angles.....			.20	.24	.27	.30	.35	.40	.55
Galv. Angles.....			.22	.27	.30	.33	.38	.50	.70
Tee Joints, 2 ft. long.	1.00	1.08	1.10	1.20	1.30	1.40	1.50	2.00	2.50
Casing Collars.....			.23	.25	.28	.32	.35	.40	.50



Price List of STACK BOOTS

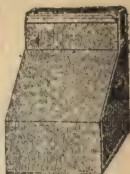


No. 1—Center Round Boot

Style No. 1. Center Round Boot.

To fit Stacks as follows:

	I. C.	I. X.
From $2\frac{1}{4} \times 9$ to $4 \times 11\frac{1}{2}$	\$.68	\$.74
From 5×10 to 8×10		1.20
From 8×12 to 10×12		1.70



No. 2—Flat Back Boot



No. 3—Angle Boot

Styles No. 2, No. 3, No. 4
and No. 5.

To fit Stacks as follows:

	I. C.	I. X.
From $2\frac{1}{4} \times 9$ to $4 \times 11\frac{1}{2}$	\$1.30	\$1.60
From 5×10 to 8×10		1.70
From 8×12 to 10×20		2.20



No. 4—Center Boot

Style No. 6. Offset Boot to
offset 4 to 6 inches.

To fit Stacks as follows:

	I. C.	I. X.
From $2\frac{1}{4} \times 9$ to $4 \times 11\frac{1}{2}$	\$1.50	\$2.00
From 5×10 to 8×10		2.00
From 8×12 to 10×20		2.80

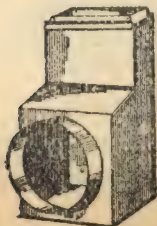


No. 5—Channel Boot



No. 6—Offset Boot

Note—In ordering Boots please
order by number and state what
size stacks they are to fit; also
size of collar required. We can
furnish Offset Boots to offset 8
and 12 in. when required.



No. 8 Boots \$1.20



No. 9 Boots \$1.20

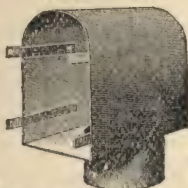


No. 10 Boots \$1.10

Register Boxes.



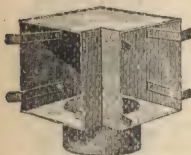
No. 1—Hall Register Box



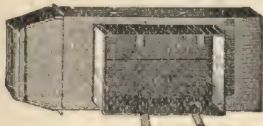
No. 2—Parlor Register Box with Round Collar



No. 3—Top Box



No. 4—Double Register Box



No. 5 Box

	I. C.	I. X.
Style No. 1—8 x 12 to 10 x 14 Register.....		
2 3/4 x 9 to 4 x 11 1/2 Pipe.....	\$.90	\$1.00
Style No. 2—8 x 12 to 10 x 14 Register.....		
2 3/4 x 9 to 4 x 11 1/2 Pipe.....	1.00	1.10
Style No. 3—6 x 8 to 10 x 14 Register		
2 3/4 x 9 to 4 x 11 1/2 Pipe.....	.70	.80
Style No. 4—6 x 8 to 10 x 14 Register.....		
2 3/4 x 9 to 4 x 11 1/2 Pipe.....	1.20	1.30
Style No. 5—6 x 8 to 10 x 14 Register.....		
2 3/4 x 9 to 4 x 11 1/2 Pipe.....	1.20	1.30
Round Floor, Register Boxes 6 to 8 in.....	.80	.90
Round Floor, Register Boxes 9 to 10 in.....	.90	1.00
Round Floor, Register Boxes 12 to 14 in.....	1.10	1.20
Round Floor, Register Boxes 16 to 20 in.....	1.55	1.70
Square Floor, Register Boxes 6 x 8 to 10 x 14.....	.80	.90

Discountper cent.

NOTE.—Please order by number and state what size Registers are to be used, also what size pipe.

Register Boxes for larger sized Registers and Pipe. Prices on application.

STACK ELBOWS AND OFFSETS



Stack Elbow, Style A

Square Stack Elbow,
Style B

Stack Elbow, Style C



Stack Elbow, Style D

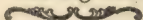


Stack Offset, Style E



Stack Offset, Style F to Offset 4 in.

	I. C.	I. X.
From 2½ x 9 to 4 x 11½	90	1.00
" 5 x 10 to 8 x 10		1.40
" 8 x 12 to 10 x 20		2.80

Galvanized Iron
Casing Bonnets

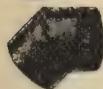
ALSO Galvanized Iron
Casings and Drums
made for all sizes of
Furnaces, Tin and Brick
Dampers, Damper Rods
and Knobs, Registers and
Borders, Corrugated and
Plain Asbestos Paper, Etc.

Common Black Stove Pipe



All sizes kept in stock
Inches—4, 4½, 5, 5½, 6.
WRITE FOR PRICES

ELBOWS



Twin Elbows

Per Dozen

	I. C. Tin.	I. X. Tin.	Galv. Iron
6 inch.....	\$2 10	\$2 25	\$2 50
7 ".....	2 25	2 50	3 00
8 ".....	2 50	2 75	3 50
8½ ".....	2 75	3 00	3 75
8¾ ".....	2 75	3 00	3 75
9 ".....	3 10	3 40	4 00
10 ".....	3 85	4 25	4 50
12 ".....	—	6 10	6 25
14 ".....	—	7 50	8 25
16 ".....	—	14 00	15 00

ADJUSTABLE RUSSIA



Size	4	4½	5	5½	6	7	8
Dozen	\$1.40	2.60	3.00	3.80	3.80	4.50	6.00

Star Elbows

Made of Cleaned Iron.



inch, per dozen, Black, \$0 60 Galvanized \$1 20						
4	"	"	"	"	65	1 30
4½	"	"	"	"	70	1 60
5	"	"	"	"	75	1 90
5½	"	"	"	"	80	2 10
6	"	"	"	"	1 25	2 40
7	"	"	"	"		

Perfect Stove Pipe Elbow.

Strongest Stove Pipe Elbow Made.

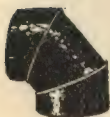


Per Dozen.
Common.

Per Dozen.
Plated.

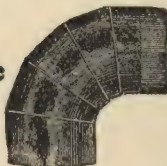
4	inch.....	31 85	\$3 30
4½	inch.....	1 80	4 25
5	inch.....	1 80	4 25
5½	inch.....	2 20	5 35
6	inch.....	2 20	5 35
7	inch.....	2 95	7 00

3=Piece Elbows.



Per Doz.	I. C. Tin.	I. X. Tin.	Galv. Iron.
6 inch...	\$2 10	\$2 25	\$2 50
7 " "...	2 25	2 50	3 00
8 " "...	2 50	2 75	3 50
8½ " "...	2 75	3 00	3 75
8¾ " "...	2 75	3 00	3 75
9 " "...	3 10	3 40	4 00
10 " "...	3 85	4 25	4 50
12 " "...	—	6 10	6 25
14 " "...	—	7 50	8 25
16 " "...	—	14 00	15 00

5 Piece



Elbows.

Per doz.	4	4½	5	5½	6	7	8	8½	9	10
Charcoal Iron: }	.70	.75	.80	.85	.90	1.50				
Russian Iron: }	4.00	5.00	6.00	7.00	8.00	10.00	16.00	16.00	18.00	20.00
L. K. Tin:	3.25	4.00	4.75	5.50	6.25	7.00	8.00	10.00	12.00	13.50
Galvanized Iron:	3.25	4.00	4.75	5.50	6.25	7.00	8.00	10.00	12.00	13.50

The chap is standing on an eight-inch elbow selected at random from stock.

This shows that the elbow is not constructed too loosely. He weighed 220 pounds when the picture was taken.



See that you get
L. D. B. ADJUSTABLE ELBOWS

Adjustable Elbows



List Price Per Dozen

Size	I. C. Tin	No. 28 Galvd. Steel	No. 28 Galvd. Toneau	No. 26 Galvd. Steel	No. 26 Galvd. Toneau	No. 24 Galvd. Steel	No. 24 Galvd. Toneau
1½ inch...	\$.70	\$.70	\$1.30	\$.80	\$1.50		
2 inch...	.70	.70	1.30	.80	1.50		
2½ inch...	1.00	1.00	1.60				
3 inch...	1.00	1.00	1.80	1.10	2.00	\$1.50	\$2.20
3½ inch...	1.10	1.15	2.10				
4 inch...	1.20	1.30	2.40	1.50	2.70	2.00	3.60
4½ inch...	1.40	1.70	2.70	1.80	3.25	2.50	3.60
5 inch...	1.40	1.80	3.30	2.00	3.60	2.80	5.10
5½ inch...	1.80	2.10	3.80	2.40	4.40	3.20	5.80
6 inch...	1.80	2.30	4.40	2.60	4.70	3.40	6.20

I. X. Tin

7 inch...	\$2.20		\$2.80	\$5.10	\$4.00	\$7.20
8 inch...	2.80		3.80	6.90	5.00	9.00
8½ inch...	3.40				6.00	
9 inch...	3.40		4.20	7.60	6.00	10.80
10 inch...	3.90		5.70	10.30	8.00	14.40
11 inch...	5.00					
12 inch...	5.80		7.80	14.10	12.00	21.50
13 inch...	7.00				16.00	
14 inch...	9.00		10.00	18.00	16.00	28.80
16 inch...	12.00		15.50	28.00	30.00	
18 inch...	14.00		17.20	31.00	36.00	

Tin, Discount..... Per Cent.

Steel, Discount..... Per Cent.

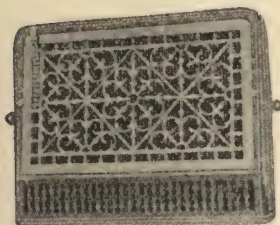
Toneau, Discount..... Per Cent.

These Elbows can be adjusted to any angle between a straight line and a right angle.

Special Side Wall Register.

For use in Base-board.

For Shallow Flues and thin Partitions.

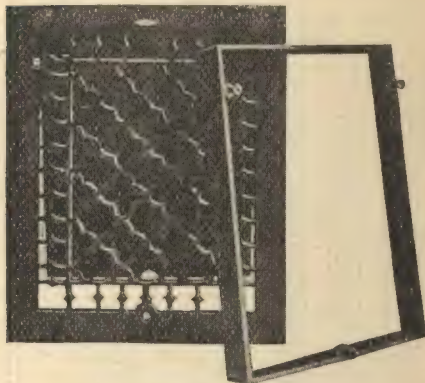


SIZE OF OPENING	Black Japanned	White Japanned	Gold Bronzed	Nickel Plated	Black Enamel Register
6 x 10	3 00	3 50	4 00	4 50	5 00
7 x 12	4 00	4 50	5 00	5 50	6 00
8 x 13	5 00	5 60	6 15	6 75	7 35
8 x 15	6 00	6 75	7 25	8 00	8 75
8 x 17	8 00	8 90	10 00	11 00	12 25
10 x 13	6 00	6 75	7 25	8 00	8 75

"THE KEYSTONE" ONE VALVE REGISTER

FOR USE IN BASE BOARD.

Valve Controlled by Compensating Springs.



THE "KEYSTONE."

This is the simplest Register made, and is the register "par excellence" for shallow flues, yet the construction allows of it being used in flues the depth of the height of the valve.

The single valve makes a deflector which drives the hot air out into the room, and is so controlled by compensating springs that it will remain in any position against the uprush of hot air, making it possible to divide the column of hot air and only deflect such portion as may be required into a room, the balance going to the upper floor register.

The ability to close the flue with this valve makes the use of a damper, cap, rod, and knob, unnecessary, and saves the expense of these items.

Size of Opening.	Black Japanned.	White Japanned.	Bronzed to Imitate Gold, Silver, Copper or Bronze Metal.	Nickel Plated.	Electro Plated, Brass, Bronze or Copper.
6 x 8	1.55	1.35	2.50	3.00	3.30
8 x 10	1.65	2.00	3.15	3.40	3.65
8 x 12	1.90	2.30	3.65	4.00	4.40
9 x 12	2.10	2.55	4.00	4.65	5.10

Registers, Faces, Borders.

For either Floor or Wall.

UNDER PATENTS JULY 4, 1893; JUNE 26, 1894.

Black Japanned.

SIZE OF OPENING	Register	Register Face	Floor Border	SIZE OF OPENING	Register	Register Face	Floor Border
6 1/2 x 6 1/2	1 40	55	1 15	0 x 24	12 00	5 30	3 30
4 x 8	1 50	60	1 15	0 x 25	14 25	6 00	6 00
4 x 10	1 50	75	1 15	0 x 26	15 25	6 35	6 25
4 x 12	2 00	90	1 25	0 x 28	16 35	6 50	6 50
4 x 13	2 00	1 10	1 25	0 x 30	17 50	7 10	7 10
4 x 18	4 00	1 30	2 75	10 x 10	2 35	1 55	1 70
4 x 21	5 00	2 25	3 15	10 x 12	3 40	1 70	1 75
4 x 24	6 00	2 75	3 75	10 x 14	3 15	2 20	2 20
5 x 8	1 55	90	1 15	10 x 15	4 00	2 60	2 60
5 x 9	1 55	1 00	1 20	10 x 16	4 55	2 55	2 55
5 x 10	1 60	1 05	1 20	10 x 18	6 70	3 70	3 70
5 x 11	1 75	1 10	1 30	10 x 20	8 90	4 35	4 35
5 x 12	1 80	1 20	1 40	10 x 22	10 40	4 95	4 95
5 x 13	2 00	1 35	1 50	10 x 24	12 15	5 35	5 35
5 x 14	2 00	1 40	1 50	10 x 26	13 50	5 70	5 70
5 x 15	2 00	1 45	1 50	10 x 28	15 50	6 00	6 00
5 x 16	2 00	1 50	2 00	10 x 30	17 50	6 30	6 30
5 x 17	2 00	2 00	2 20	10 x 32	19 50	6 55	6 55
5 x 18	2 25	2 10	2 30	10 x 34	21 50	7 10	7 10
5 x 20	2 50	2 20	2 50	10 x 36	23 50	7 35	7 35
6 x 8	1 50	90	1 15	10 x 38	25 50	7 55	7 55
6 x 9	1 55	1 00	1 15	10 x 40	27 50	8 10	8 10
6 x 10	1 60	1 05	1 20	10 x 42	29 50	8 30	8 30
6 x 11	1 65	1 10	1 20	10 x 44	31 50	8 50	8 50
6 x 12	1 85	1 25	1 45	10 x 46	33 50	9 10	9 10
6 x 14	2 85	1 65	1 70	10 x 48	35 50	9 30	9 30
6 x 16	4 00	2 10	2 70	10 x 50	37 50	9 50	9 50
6 x 18	5 00	2 25	3 25	10 x 52	39 50	10 10	10 10
6 x 20	6 00	2 40	3 50	10 x 54	41 50	10 30	10 30
6 x 22	7 00	2 50	4 00	10 x 56	43 50	10 50	10 50
6 x 24	8 00	3 00	4 50	10 x 58	45 50	11 10	11 10
6 x 26	9 00	3 20	5 00	10 x 60	47 50	11 30	11 30
6 x 28	10 00	3 40	5 50	10 x 62	49 50	11 50	11 50
6 x 30	11 00	3 60	6 00	10 x 64	51 50	12 10	12 10
6 x 32	12 00	3 80	6 50	10 x 66	53 50	12 30	12 30
7 x 7	1 55	1 00	1 20	10 x 68	55 50	12 50	12 50
7 x 10	1 65	1 10	1 25	10 x 70	57 50	13 10	13 10
7 x 12	1 90	1 25	1 50	10 x 72	59 50	13 30	13 30
7 x 14	2 05	1 40	1 50	10 x 74	61 50	13 50	13 50
7 x 15	2 15	1 50	1 55	10 x 76	63 50	14 10	14 10
8 x 8	1 60	1 10	1 25	10 x 78	65 50	14 30	14 30
8 x 10	1 65	1 15	1 30	10 x 80	67 50	14 50	14 50
8 x 12	1 90	1 30	1 50	10 x 82	69 50	15 10	15 10
8 x 14	2 15	1 50	1 55	10 x 84	71 50	15 30	15 30
8 x 16	2 40	2 00	2 00	10 x 86	73 50	15 50	15 50
8 x 18	2 60	2 20	2 20	10 x 88	75 50	16 10	16 10
8 x 20	2 80	2 40	2 40	10 x 90	77 50	16 30	16 30
8 x 22	3 00	2 60	2 60	10 x 92	79 50	16 50	16 50
8 x 24	3 20	2 80	2 80	10 x 94	81 50	17 10	17 10
8 x 26	3 40	3 00	3 00	10 x 96	83 50	17 30	17 30
8 x 28	3 60	3 20	3 20	10 x 98	85 50	17 50	17 50
8 x 30	3 80	3 40	3 40	10 x 100	87 50	18 10	18 10
8 x 32	4 00	3 60	3 60	10 x 102	89 50	18 30	18 30
9 x 9	2 10	1 45	1 65	10 x 104	91 50	18 50	18 50
9 x 12	2 30	1 65	1 85	10 x 106	93 50	19 10	19 10
9 x 14	2 50	1 85	2 05	10 x 108	95 50	19 30	19 30
9 x 16	2 70	2 05	2 25	10 x 110	97 50	19 50	19 50
9 x 18	2 90	2 25	2 45	10 x 112	99 50	20 10	20 10
9 x 20	3 10	2 45	2 65	10 x 114	101 50	20 30	20 30
9 x 22	3 30	2 65	2 85	10 x 116	103 50	20 50	20 50
9 x 24	3 50	2 85	3 05	10 x 118	105 50	21 10	21 10
9 x 26	3 70	3 05	3 25	10 x 120	107 50	21 30	21 30
9 x 28	3 90	3 25	3 45	10 x 122	109 50	21 50	21 50
9 x 30	4 10	3 45	3 65	10 x 124	111 50	22 10	22 10
9 x 32	4 30	3 65	3 85	10 x 126	113 50	22 30	22 30
9 x 34	4 50	3 85	4 05	10 x 128	115 50	22 50	22 50
9 x 36	4 70	4 05	4 25	10 x 130	117 50	23 10	23 10
9 x 38	4 90	4 25	4 45	10 x 132	119 50	23 30	23 30
9 x 40	5 10	4 45	4 65	10 x 134	121 50	23 50	23 50
9 x 42	5 30	4 65	4 85	10 x 136	123 50	24 10	24 10
9 x 44	5 50	4 85	5 05	10 x 138	125 50	24 30	24 30
9 x 46	5 70	5 05	5 25	10 x 140	127 50	24 50	24 50
9 x 48	5 90	5 25	5 45	10 x 142	129 50	25 10	25 10
9 x 50	6 10	5 45	5 65	10 x 144	131 50	25 30	25 30
9 x 52	6 30	5 65	5 85	10 x 146	133 50	25 50	25 50
9 x 54	6 50	5 85	6 05	10 x 148	135 50	26 10	26 10
9 x 56	6 70	6 05	6 25	10 x 150	137 50	26 30	26 30
9 x 58	6 90	6 25	6 45	10 x 152	139 50	26 50	26 50
9 x 60	7 10	6 45	6 65	10 x 154	141 50	27 10	27 10
9 x 62	7 30	6 65	6 85	10 x 156	143 50	27 30	27 30
9 x 64	7 50	6 85	7 05	10 x 158	145 50	27 50	27 50
9 x 66	7 70	7 05	7 25	10 x 160	147 50	28 10	28 10
9 x 68	7 90	7 25	7 45	10 x 162	149 50	28 30	28 30
9 x 70	8 10	7 45	7 65	10 x 164	151 50	28 50	28 50
9 x 72	8 30	7 65	7 85	10 x 166	153 50	29 10	29 10
9 x 74	8 50	7 85	8 05	10 x 168	155 50	29 30	29 30
9 x 76	8 70	8 05	8 25	10 x 170	157 50	29 50	29 50
9 x 78	8 90	8 25	8 45	10 x 172	159 50	30 10	30 10
9 x 80	9 10	8 45	8 65	10 x 174	161 50	30 30	30 30
9 x 82	9 30	8 65	8 85	10 x 176	163 50	30 50	30 50
9 x 84	9 50	8 85	9 05	10 x 178	165 50	31 10	31 10
9 x 86	9 70	9 05	9 25	10 x 180	167 50	31 30	31 30
9 x 88	9 90	9 25	9 45	10 x 182	169 50	31 50	31 50
9 x 90	10 10	9 45	9 65	10 x 184	171 50	32 10	32 10
9 x 92	10 30	9 65	9 85	10 x 186	173 50	32 30	32 30
9 x 94	10 50	9 85	10 05	10 x 188	175 50	32 50	32 50
9 x 96	10 70	10 05	10 25	10 x 190	177 50	33 10	33 10
9 x 98	10 90	10 25	10 45	10 x 192	179 50	33 30	33 30
9 x 100	11 10	10 45	10 65	10 x 194	181 50	33 50	33 50
9 x 102	11 30	10 65	10 85	10 x 196	183 50	34 10	34 10
9 x 104	11 50	10 85	11 05	10 x 198	185 50	34 30	34 30
9 x 106	11 70	11 05	11 25	10 x 200	187 50	34 50	34 50
9 x 108	11 90	11 25	11 45	10 x 202	189 50	35 10	35 10
9 x 110	12 10	11 45	11 65	10 x 204	191 50	35 30	35 30
9 x 112	12 30	11 65	11 85	10 x 206	193 50	35 50	35 50
9 x 114	12 50	11 85	12 05	10 x 208	195 50	36 10	36 10
9 x 116	12 70	12 05	12 25	10 x 210	197 50	36 30	36 30
9 x 118	12 90	12 25	12 45	10 x 212	199 50	36 50	36 50
9 x 120	13 10	12 45	12 65	10 x 214	201 50	37 10	37 10
9 x 122	13 30	12 65	12 85	10 x 216	203 50	37 30	37 30
9 x 124	13 50	12 85	13 05	10 x 218	205 50	37 50	37 50
9 x 126	13 70	13 05	13 25	10 x 220	207 50	38 10	38 10
9 x 128	13 90	13 25	13 45	10 x 222	209 50	38 30	38 30
9 x 130	14 10	13 45	13 65	10 x 224	211 50	38 50	38 50
9 x 132	14 30	13 65	13 85	10 x 226	213 50	39 10	39 10
9 x 134	14 50	13 85	14 05	10 x 228	215 50	39 30	39 30
9 x 136	14 70	14 05	14 25	10 x 230	217 50	39 50	39 50
9 x 138	14 90	14 25	14 45	10 x 232	219 50	40 10	40 10
9 x 140	15 10	14 45	14 65	10 x 234	221 50	40 30	40 30
9 x 142	15 30	14 65	14 85	10 x 236	223 50	40 50	40 50
9 x 144	15 50	14 85	15 05	10 x 238	225 50	41 10	41 10
9 x 146	15 70	15 05	15 25	10 x 240	227 50	41 30	41 30
9 x 148	15 90	15 25	15 45	10 x 242	229 50	41 50	41 50
9 x 150	16 10	15 45	15 65	10 x 244	231 50	42 10	42 10
9 x 152	16 30	15 65	15 85	10 x 246	233 50	42 30	42 30
9 x 154	16 50	15 85	16 05	10 x 248	235 50	42 50	42 50
9 x 156	16 70	16 05	16 25	10 x 250	237 50	43 10	43 10
9 x 158	16 90	16 25	16 45	10 x 252	239 50	43 30	43 30
9 x 160	17 10	16 45	16 65	10 x 254	241 50	43 50	43 50
9 x 162	17 30	16 65	16 85	10 x 256	243 50	44 10	44 10
9 x 164	17 50	16 85	17 05	10 x 258	245 50	44 30	44 30
9 x 166	17 70	17 05	17 25	10 x 260	247 50	44 50	44 50
9 x 168	17 90	17 25	17 45	10 x 262	249 50	45 10	45 10
9 x 170	18 10	17 45	17 65	10 x 264	251 50	45 30	45 30
9 x 172	18 30	17 65	17 85	10 x 266	253 50	45 50	45 50
9 x 174	18 50	17 85	18 05	10 x 268	255 50	46 10	46 10
9 x 176	18 70	18 05	18 25	10 x 270	257 50	46 30	46 30
9 x 178	18 90	18 25	18 45	10 x 272	259 50	46 50	46 50
9 x 180	19 10	18 45	18 65	10 x 274	261 50	47 10	47 10
9 x 182	19 30	18 65	18 85	10 x 276	263 50	47 30	47 30
9 x 184	19 50	18 85	19 05	10 x 278	265 50	47 50	47 50
9 x 186	19 70	19 05	19 25	10 x 280			

Registers, Faces, Borders.

For either Floor or Wall.

Black Japanned—Continued.

SIZE OF OPENING	Register	Register Face	Floor Border	SIZE OF OPENING	Register	Register Face	Floor Border
14 x 27...	27 50	10 75	10 75	24 x 24...	30 00	12 00	12 00
14 x 30...	31 25	13 25	13 25	24 x 26...	33 00	13 40	13 40
14 x 36...	38 00	17 25	17 25	24 x 27...	33 95	14 00	14 00
20 x 20...	19 75	8 00	8 00	24 x 30...	38 00	17 25	17 25
20 x 22...	21 60	8 40	8 40	24 x 32...	42 50	18 00	18 00
20 x 24...	22 00	8 60	8 60	24 x 36...	50 00	22 00	22 00
20 x 26...	23 50	9 60	9 60	24 x 42...	67 50	28 50	28 50
20 x 28...	28 90	11 50	11 50	27 x 27...	37 25	17 00	17 00
20 x 30...	33 50	13 50	13 50	27 x 34...	56 00	25 00	25 00
20 x 32...	37 50	17 10	17 10	24 x 28...	44 00	19 00	19 00
20 x 36...	43 00	18 00	18 60	24 x 30...	48 50	21 00	21 00
21 x 21...	24 50	9 75	9 75	24 x 32...	53 00	24 50	24 50
21 x 25...	28 00	11 10	11 10	24 x 36...	64 00	27 00	27 00
21 x 28...	29 00	11 60	11 60	30 x 30...	69 00	31 60	31 60
21 x 33...	42 00	17 00	17 00	30 x 36...	77 50	38 50	38 50
21 x 37...	49 00	21 50	21 50	30 x 42...	95 00	49 00	49 00
21 x 39...	54 00	24 90	24 90	36 x 36...	73 00	31 00	31 00
22 x 22...	28 50	11 40	11 40	36 x 38...	80 00	35 00	35 00
22 x 24...	29 50	11 80	11 80	36 x 40...	105 00	44 00	44 00
22 x 26...	31 00	13 10	13 10	36 x 42...	112 00	44 00	44 00
22 x 28...	33 90	13 90	13 90	35 x 34...	132 00	54 00	54 00
22 x 30...	36 00	15 00	15 00	38 x 38...	100 00	43 50	43 50
22 x 32...	42 00	17 50	17 50	38 x 40...	112 00	46 00	46 00
22 x 36...	47 50	20 50	20 50	38 x 42...	120 00	50 00	50 00
22 x 38...	52 00	22 50	22 50				
24 x 24...	54 00	27 00	27 00				

VENTILATORS FOR CORDS—50 cents list extra on sizes up to 14 x 14, and \$1.00 list extra on sizes above.

Extra Heavy Faces furnished at 50 per cent. advance upon the ordinary faces.

In ordering Ventilators specify whether for side wall or ceiling.
Registers without Valves, 10 per cent. off list of Black Japanned.



STANDARD.

Registers and Faces.

Suitable for Wall or Ceiling only.

White Japanned.

SIZE OF OPENING	Register	Face	SIZE OF OPENING	Register	Face
4 x 6 1/2	1 78	85	9 x 24	13 30	8 50
4 x 8	1 80	90	9 x 25	15 55	7 40
4 x 10	1 90	1 10	9 x 26	16 75	7 55
4 x 12	2 20	1 35	9 x 28	18 00	8 45
4 x 13	2 60	1 60	9 x 30	19 25	8 85
4 x 15	3 00	1 80	10 x 10	2 85	2 15
4 x 18	4 65	1 95	10 x 12	2 90	2 20
4 x 21	5 00	2 25	10 x 14	3 80	2 85
4 x 24	7 00	3 75	10 x 15	4 85	3 40
5 x 8	1 90	1 25	10 x 16	5 85	3 95
5 x 9	1 90	1 30	10 x 18	8 05	6 05
5 x 10	1 95	1 40	10 x 20	10 60	7 75
5 x 11	2 15	1 50	10 x 22	12 60	8 25
5 x 13	2 25	1 60	10 x 24	13 40	9 00
5 x 14	3 10	1 85	10 x 26	20 55	9 60
5 x 15	3 40	2 00	10 x 28	21 45	9 95
5 x 17	4 65	2 35	10 x 30	26 95	12 20
5 x 18	5 00	2 55	10 x 32	28 60	12 70
5 x 19	5 20	3 15	10 x 34	38 50	13 00
5 x 20	5 60	3 75	11 x 17	7 55	4 95
5 x 24	13 60	7 50	11 x 18	8 10	5 30
6 x 6	1 80	1 20	11 x 20	10 75	6 25
6 x 8	1 85	1 30	12 x 12	4 80	2 80
6 x 9	1 90	1 35	12 x 14	5 25	3 65
6 x 10	1 95	1 40	12 x 15	6 40	3 60
6 x 12	2 25	1 60	12 x 16	6 70	4 60
6 x 14	3 45	2 10	12 x 17	7 60	5 05
6 x 16	4 80	2 80	12 x 18	8 15	5 25
6 x 18	6 25	3 80	12 x 19	9 00	5 50
6 x 20	6 25	3 70	12 x 20	10 80	6 30
6 x 22	8 40	4 40	12 x 24	13 60	6 75
6 x 24	9 60	5 30	12 x 30	22 00	10 20
6 x 26	11 00	5 75	12 x 32	26 95	12 20
6 x 30	13 00	6 25	12 x 34	28 20	12 50
6 x 32	14 25	6 50	12 x 36	29 40	12 90
7 x 7	1 90	1 85	12 x 40	38 50	19 00
7 x 10	2 00	1 40	12 x 48	45 00	22 80
7 x 12	2 30	1 65	14 x 14	9 45	5 09
7 x 14	2 85	2 00	14 x 15	9 80	5 85
7 x 15	4 60	3 80	14 x 16	10 20	6 00
8 x 8	1 35	1 40	14 x 18	10 80	6 30
8 x 10	2 70	1 45	14 x 20	11 25	6 40
8 x 12	2 80	1 70	14 x 22	12 00	6 50
8 x 14	3 30	2 40	14 x 24	16 40	8 40
8 x 15	3 60	2 60	14 x 26	19 80	9 50
8 x 16	4 55	3 35	14 x 28	20 60	24 91
8 x 18	5 40	3 60	15 x 15	11 25	6 15
8 x 19	7 90	4 50	15 x 20	13 25	7 00
8 x 20	10 40	5 60	15 x 21	13 75	7 45
8 x 21	10 80	6 80	15 x 25	19 25	8 85
8 x 24	12 40	6 00	15 x 30	30 25	13 20
8 x 27	13 00	6 80	15 x 34	34 50	16 90
9 x 30	16 30	7 90	16 x 19	12 20	6 20
9 x 36	21 75	17 00	16 x 18	13 20	6 50
9 x 19	2 40	1 90	16 x 20	13 60	7 85
9 x 13	2 55	2 35	16 x 22	16 20	8 15
9 x 14	3 70	2 75	16 x 24	16 50	8 50
9 x 15	4 75	3 45	16 x 26	27 05	13 45
9 x 16	5 65	3 65	16 x 30	30 70	13 80
9 x 17	7 15	4 65	16 x 32	34 10	16 70
9 x 18	8 00	4 95	16 x 36	39 60	19 60
9 x 19	8 90	5 45	18 x 18	19 35	9 05
9 x 20	10 25	5 65	18 x 20	21 40	9 85
9 x 22	11 60	6 15	18 x 21	22 60	9 90
			18 x 24	28 00	10 90

Registers and Faces.

Suitable for Wall or Ceiling only.

White Japanned--Continued.

SIZE OF OPENING	Register	Face	SIZE OF OPENING	Register	Face
18 x 27	30 25	13 50	24 x 24	33 00	15 00
18 x 30	31 35	16 35	24 x 26	36 40	16 35
18 x 36	41 80	21 05	24 x 27	37 85	17 40
20 x 24	21 75	10 00	24 x 30	41 80	21 05
20 x 24	23 75	10 55	24 x 34	46 75	22 35
20 x 24	24 20	10 60	24 x 36	55 00	27 00
20 x 26	25 85	11 85	24 x 43	74 25	35 25
20 x 26	31 80	14 40	27 x 27	40 95	20 70
20 x 30	36 85	18 85	27 x 38	61 60	30 60
20 x 34	41 25	20 85	28 x 28	48 40	23 40
20 x 36	47 30	22 85	28 x 30	53 85	26 85
21 x 21	26 85	12 20	28 x 32	58 80	29 80
21 x 23	30 80	13 50	28 x 36	70 40	33 40
21 x 29	31 90	14 50	30 x 30	53 90	26 40
21 x 33	45 20	22 10	30 x 36	74 25	35 25
21 x 37	53 90	26 40	30 x 44	85 25	40 75
21 x 39	59 40	30 80	30 x 48	104 50	48 50
24 x 24	31 35	14 25	32 x 30	81 00	39 00
24 x 26	32 45	14 75	36 x 36	88 00	43 00
24 x 28	34 10	16 20	36 x 40	115 50	54 80
24 x 28	37 30	17 80	36 x 42	123 20	57 20
24 x 30	39 60	19 60	36 x 48	145 20	67 20
24 x 32	46 20	21 70	38 x 38	110 00	53 50
24 x 36	51 25	25 21	38 x 40	123 20	57 20
24 x 38	57 20	27 70	38 x 44	132 00	60 00
24 x 42	70 40	33 40			

VENTILATORS FOR CORDS--50 cents list extra on sizes up to 14 x 14, and \$1.00 list extra on sizes above.

In ordering Ventilators specify whether for side wall or ceiling.



COLONIAL.

Registers, Faces, Borders.

Nickel-Plated, also Bronzed in Gold, Silver and Copper Finish.

SIZE OF OPENING	Register	Register Face	Floor Border	SIZE OF OPENING	Register	Register Face	Floor Border
4 x 6	2 00	1 15	1 75	9 x 24	16 00	9 30	9 30
4 x 8	2 20	1 80	1 85	9 x 25	18 25	10 00	10 00
4 x 10	2 40	1 00	2 00	9 x 26	19 25	10 25	10 25
4 x 12	2 80	2 15	2 55	9 x 28	21 75	11 50	11 50
4 x 13	3 50	2 60	3 25	9 x 30	22 50	12 10	12 10
4 x 15	4 00	2 70	3 40	10 x 10	4 35	8 35	8 70
4 x 16	6 00	3 20	4 35	10 x 12	4 40	8 70	8 75
4 x 18	6 50	4 25	5 15	10 x 14	5 25	4 30	4 30
5 x 8	7 50	4 75	5 75	10 x 15	6 30	4 80	4 80
5 x 9	2 75	2 10	2 85	10 x 16	7 20	5 30	5 30
5 x 9	2 90	2 30	3 50	10 x 18	9 45	6 45	6 45
5 x 10	2 95	2 40	2 55	10 x 20	12 00	7 50	7 50
5 x 11	3 25	2 60	2 80	10 x 22	14 50	9 00	9 00
5 x 12	3 45	2 85	3 00	10 x 24	16 25	9 45	9 45
5 x 13	4 25	3 00	3 45	10 x 26	22 50	13 00	13 00
5 x 14	4 80	3 50	3 90	10 x 30	23 60	14 00	14 00
5 x 15	5 60	3 65	4 00	10 x 34	31 50	16 75	16 75
5 x 16	5 90	3 80	4 60	10 x 36	33 00	17 50	17 50
5 x 17	6 20	4 00	4 70	10 x 42	45 00	25 00	25 00
5 x 18	7 25	4 10	5 20	11 x 17	8 25	6 45	6 45
5 x 20	15 50	9 75	10 00	11 x 18	9 50	6 70	6 70
6 x 8	2 70	2 10	2 85	11 x 20	12 00	7 50	7 50
6 x 9	2 80	2 25	2 40	12 x 12	6 35	5 05	5 05
6 x 9	2 95	2 40	2 55	12 x 14	6 85	5 35	5 35
6 x 10	3 00	2 45	2 60	12 x 15	7 00	5 40	5 40
6 x 12	3 50	2 90	3 10	12 x 16	8 25	6 10	6 15
6 x 14	4 95	3 75	4 00	12 x 17	9 00	6 45	6 45
6 x 16	6 00	4 00	4 70	12 x 18	9 55	6 65	6 65
6 x 18	7 00	4 50	5 50	12 x 19	10 35	6 85	6 85
6 x 20	8 20	4 75	6 80	12 x 20	12 20	7 60	7 60
6 x 22	10 00	6 00	6 95	12 x 22	16 30	9 55	9 55
6 x 24	12 00	7 00	7 50	12 x 30	29 00	14 29	14 29
6 x 28	14 50	8 00	9 00	12 x 32	31 50	16 75	16 75
6 x 30	16 50	8 90	10 00	12 x 34	32 25	12 25	12 25
6 x 32	18 00	9 50	10 50	12 x 36	38 75	17 75	17 75
7 x 7	2 10	2 35	2 55	12 x 40	45 00	25 00	25 00
7 x 10	3 10	2 55	2 70	12 x 48	54 00	32 25	32 25
7 x 12	3 60	2 95	3 20	14 x 14	11 00	7 15	7 15
7 x 14	5 00	3 95	3 95	14 x 15	11 25	7 25	7 25
7 x 15	5 90	4 70	4 70	14 x 16	11 80	7 30	7 30
7 x 16	6 00	2 45	2 60	14 x 18	12 00	7 50	7 50
7 x 18	3 15	2 60	2 75	14 x 20	13 00	8 50	8 50
7 x 12	3 65	3 05	3 25	14 x 22	14 50	9 00	9 00
7 x 13	4 75	3 85	3 85	14 x 24	19 50	11 50	11 50
7 x 14	5 10	3 95	3 95	14 x 26	22 00	13 00	13 00
7 x 15	6 00	4 80	4 80	14 x 28	60 00	35 25	35 25
7 x 16	6 75	5 00	5 00	14 x 15	14 00	8 50	8 50
7 x 18	9 40	6 00	6 00	15 x 20	16 00	10 00	10 00
7 x 20	11 70	6 90	6 90	15 x 21	16 85	10 50	10 50
7 x 21	12 50	7 50	7 50	15 x 23	23 00	12 60	12 60
7 x 24	15 25	8 70	8 70	15 x 30	33 00	18 00	18 00
7 x 27	17 75	9 55	9 55	15 x 34	41 25	23 25	23 25
8 x 30	19 50	10 50	10 50	16 x 16	15 00	9 10	9 10
8 x 32	40 50	22 50	22 50	16 x 18	16 20	9 60	9 60
8 x 9	3 90	3 30	3 50	16 x 20	16 50	10 30	10 30
8 x 12	4 00	3 35	3 55	16 x 22	19 50	11 50	11 50
8 x 13	4 95	4 05	4 00	16 x 24	20 00	12 00	12 00
8 x 14	5 20	4 25	4 25	16 x 26	30 80	16 20	16 20
8 x 15	6 50	4 90	5 20	16 x 30	35 00	18 25	18 25
8 x 16	7 15	5 15	5 30	16 x 32	38 25	20 50	20 50
8 x 17	8 70	6 00	6 00	16 x 36	45 00	25 30	25 30
8 x 18	9 85	6 30	6 30	18 x 18	24 75	12 45	12 45
8 x 19	10 90	7 05	7 05	18 x 20	24 75	12 85	12 85
8 x 20	11 85	7 40	7 40	18 x 21	26 00	13 25	13 25
8 x 22	13 95	8 10	8 10	18 x 24	27 75	14 00	14 00

Registers, Faces, Borders.

Nickel-Plated, also Bronzed in Gold, Silver and Copper Finish—Continued.

SIZE OF OPENING	Register	Register Face	Floor Border	SIZE OF OPENING	Register	Register Face	Floor Border
18 x 27	35 00	18 25	18 25	24 x 24	40 00	22 00	22 00
18 x 30	38 00	21 00	21 00	24 x 26	44 00	24 10	24 10
18 x 36	48 50	28 10	26 00	24 x 27	45 00	25 00	25 00
20 x 20	24 75	13 00	13 00	24 x 30	50 00	29 25	28 25
20 x 24	27 60	14 40	14 40	24 x 32	55 50	31 00	30 00
20 x 26	28 20	14 80	14 80	24 x 36	65 50	37 50	34 25
20 x 28	32 00	17 50	17 50	24 x 45	89 00	50 50	46 00
20 x 28	37 40	20 00	20 00	27 x 27	49 25	29 00	28 00
20 x 30	43 00	23 50	23 50	27 x 34	76 00	45 00	43 00
20 x 32	48 50	26 10	26 00	28 x 28	57 50	32 50	31 00
20 x 36	51 00	29 50	28 50	28 x 30	61 50	35 50	32 00
21 x 21	31 00	16 25	16 25	28 x 32	68 00	39 50	35 00
21 x 25	35 50	18 00	18 00	28 x 36	86 00	49 00	47 00
21 x 29	40 50	22 20	22 20	30 x 30	65 00	37 00	34 00
21 x 33	52 00	29 35	28 35	30 x 36	90 00	51 00	41 00
21 x 37	60 00	35 00	31 65	30 x 42	102 00	57 50	50 50
21 x 39	67 00	38 50	34 50	30 x 48	124 00	68 00	60 00
22 x 24	36 50	19 40	19 40	32 x 36	96 00	54 00	47 00
22 x 24	37 90	20 20	20 20	36 x 36	105 00	60 00	54 50
22 x 26	41 00	22 60	23 00	36 x 40	135 00	72 00	62 10
22 x 28	44 00	24 60	24 00	36 x 42	145 00	77 00	68 00
22 x 30	46 50	26 50	25 50	36 x 48	168 00	90 00	76 00
22 x 32	54 00	29 50	28 50	38 x 38	130 00	71 00	60 00
22 x 36	60 50	35 00	31 75	38 x 40	142 00	76 00	64 00
22 x 38	65 50	37 50	34 25	38 x 48	155 00	85 00	71 00
22 x 42	75 00	43 00	35 00				

VENTILATORS FOR CORDS—50 cents list extra on sizes up to 14 x 14, and \$1.00 list extra on sizes above.

In ordering Ventilators specify whether for side wall or ceiling.



FLORENTINE.

Registers, Faces, Borders.

Electro-Plated, Brass, Bronze or Copper.

SIZE OF OPENING	Register	Face	Floor Border	SIZE OF OPENING	Register	Face	Floor Border
4 x 6 1/2	2 20	1 35	2 10	6 x 24	18 10	11 40	11 90
4 x 8	2 40	1 50	2 15	6 x 25	20 50	12 25	12 80
4 x 10	2 60	1 80	2 40	6 x 26	21 65	12 65	12 90
4 x 12	3 10	2 45	3 00	6 x 28	24 25	14 40	14 80
4 x 13	3 80	2 90	3 75	6 x 30	25 25	14 80	15 10
4 x 15	4 30	3 00	4 00	10 x 10	5 35	4 65	5 20
4 x 18	5 40	3 00	5 00	10 x 12	5 50	4 80	5 35
4 x 21	7 00	4 75	6 00	10 x 14	6 55	5 60	6 00
4 x 24	8 10	5 85	7 00	10 x 15	7 60	6 20	6 60
5 x 8	3 00	2 35	2 90	10 x 16	8 60	6 70	7 20
5 x 9	3 15	2 60	3 10	10 x 18	11 00	8 00	8 55
5 x 10	3 25	2 70	3 25	10 x 20	14 80	9 50	9 60
5 x 11	3 50	2 85	3 50	10 x 22	18 50	11 00	11 00
5 x 12	3 90	3 20	3 75	10 x 24	18 50	12 00	12 15
5 x 13	4 60	3 50	4 00	10 x 26	26 00	15 50	15 75
5 x 14	5 20	3 90	4 50	10 x 30	24 00	16 75	17 00
5 x 15	6 10	4 15	4 90	10 x 34	34 50	20 40	23 95
5 x 16	6 40	4 30	5 60	10 x 36	35 00	22 50	23 60
5 x 17	6 80	4 60	5 80	10 x 42	45 50	37 40	29 55
5 x 18	7 85	4 75	6 80	11 x 17	10 50	8 00	8 60
5 x 40	20 50	11 50	12 80	11 x 18	11 15	8 25	8 95
6 x 6	3 00	2 40	2 95	11 x 20	14 00	9 40	9 80
6 x 8	3 10	2 50	3 00	12 x 12	7 90	6 60	7 10
6 x 9	3 40	2 85	3 45	12 x 14	8 25	6 75	7 35
6 x 10	3 50	2 95	3 60	12 x 15	8 50	6 90	7 60
6 x 12	4 20	3 60	4 10	12 x 16	9 75	7 65	8 25
6 x 14	5 75	4 40	5 80	12 x 17	10 60	8 05	8 65
6 x 16	6 90	4 90	6 10	12 x 18	11 25	8 35	9 00
6 x 18	8 00	5 40	7 00	12 x 19	12 25	8 75	9 25
6 x 20	9 30	5 85	7 40	12 x 20	14 10	9 60	9 90
6 x 22	11 25	7 25	8 65	12 x 22	18 60	12 10	12 25
6 x 24	13 80	8 50	9 80	12 x 26	29 50	18 50	17 00
6 x 28	16 00	9 80	11 00	12 x 32	34 60	22 00	20 00
6 x 30	18 25	10 65	12 10	12 x 34	36 50	22 00	21 00
6 x 32	21 00	12 60	12 60	12 x 36	36 25	22 25	21 80
7 x 7	3 00	2 90	3 55	12 x 40	50 00	28 00	27 60
7 x 10	3 80	3 25	3 80	12 x 42	63 50	42 00	32 25
7 x 12	4 85	3 70	4 35	14 x 14	14 30	9 60	10 00
7 x 14	6 10	5 00	5 50	14 x 16	15 30	10 00	10 40
7 x 15	6 90	5 70	6 30	14 x 18	16 70	11 00	11 60
8 x 8	3 70	3 15	3 65	14 x 20	18 50	12 00	12 15
8 x 10	3 85	3 80	3 90	14 x 22	20 50	13 00	12 75
8 x 12	4 40	3 75	4 40	14 x 24	22 50	14 50	13 90
8 x 13	5 75	4 85	5 30	14 x 26	26 00	16 50	15 00
8 x 14	6 20	5 10	5 60	14 x 28	29 00	19 00	16 75
8 x 15	7 00	5 80	6 40	14 x 28	29 00	19 00	16 75
8 x 16	8 00	6 25	7 00	15 x 15	17 00	11 90	12 00
8 x 18	10 70	7 90	8 00	15 x 20	24 00	18 55	13 80
8 x 20	18 00	8 25	9 00	15 x 24	31 00	19 25	14 50
8 x 24	14 00	9 00	9 70	15 x 26	31 00	20 00	14 80
8 x 34	17 00	10 50	11 10	15 x 30	37 50	25 00	21 60
8 x 37	19 75	11 50	12 20	15 x 34	46 00	30 80	25 00
8 x 30	21 60	12 60	13 50	16 x 16	19 75	12 60	12 50
8 x 42	45 00	30 00	24 25	16 x 18	22 25	14 25	18 25
9 x 9	4 90	4 30	4 75	16 x 20	24 60	16 00	14 90
9 x 12	5 10	4 45	5 00	16 x 22	28 00	18 00	16 00
9 x 13	6 15	5 20	5 70	16 x 24	29 60	19 25	17 10
9 x 14	6 50	5 50	5 95	16 x 26	35 00	22 75	18 80
9 x 15	7 80	6 20	7 00	16 x 30	37 50	25 00	21 60
9 x 16	8 55	6 65	7 10	16 x 32	42 00	27 80	22 00
9 x 17	9 80	7 60	8 00	16 x 36	50 00	33 00	27 00
9 x 18	11 00	7 95	8 40	18 x 18	26 30	14 60	15 60
9 x 19	12 20	8 75	9 15	18 x 20	29 00	18 00	17 00
9 x 20	13 65	9 20	9 70	18 x 24	30 00	19 00	18 00
9 x 22	16 00	10 15	10 60	18 x 26	34 25	22 50	18 75

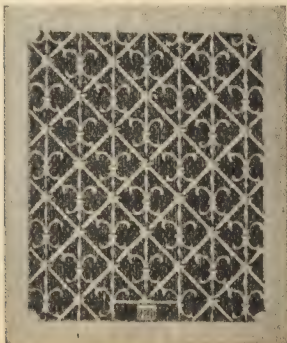
Registers, Faces, Borders.

Electro-Plated, Brass, Bronze or Copper—Continued.

SIZE OF OPENING	Register	Register Face	Floor Border	SIZE OF OPENING	Register	Register Face	Floor Border
18 x 27...	39 00	25 50	21 70	24 x 24...	49 00	32 50	26 00
18 x 30...	43 00	28 50	22 70	24 x 26...	51 00	33 90	28 10
18 x 36...	54 00	36 00	28 00	24 x 27...	55 00	37 00	29 00
20 x 20...	32 40	21 20	18 10	24 x 30...	62 00	41 50	31 00
20 x 22...	35 70	23 50	19 00	24 x 32...	66 00	44 50	34 00
20 x 24...	39 00	25 50	21 70	24 x 36...	74 00	50 80	36 50
20 x 26...	42 00	27 90	22 00	24 x 42...	92 00	63 00	45 00
20 x 28...	45 50	30 00	24 50	27 x 27...	66 00	44 50	34 00
20 x 30...	49 00	32 50	26 00	27 x 32...	94 00	64 00	46 00
20 x 32...	52 00	34 00	27 50	28 x 28...	72 00	49 00	36 50
20 x 36...	59 00	39 00	31 50	28 x 30...	76 00	52 50	37 00
21 x 21...	37 00	24 75	21 00	28 x 32...	84 00	55 00	40 50
21 x 22...	44 00	29 00	23 00	28 x 36...	92 00	63 00	45 00
21 x 24...	42 00	34 00	27 50	30 x 30...	85 00	56 00	41 00
21 x 26...	46 50	37 25	31 00	30 x 36...	102 00	70 00	48 00
21 x 30...	55 00	43 50	33 50	30 x 42...	119 00	87 00	60 00
21 x 32...	58 00	46 00	36 50	30 x 48...	136 00	94 00	72 00
21 x 36...	64 00	50 00	40 00	32 x 36...	111 00	79 00	54 00
22 x 22...	41 00	27 00	21 75	32 x 38...	127 00	83 00	65 00
22 x 24...	44 00	29 00	23 00	32 x 40...	142 00	95 00	76 00
22 x 26...	48 70	32 00	25 50	32 x 42...	150 00	96 50	80 50
22 x 28...	52 00	34 00	27 50	32 x 48...	173 00	103 00	87 00
22 x 30...	55 00	36 50	28 75	32 x 38...	145 00	95 50	77 00
22 x 32...	59 00	39 00	31 50	32 x 40...	153 00	97 00	81 50
22 x 36...	66 00	44 50	34 00	38 x 42...	160 00	100 00	83 50
22 x 38...	70 00	47 00	36 00				
22 x 42...	82 50	53 50	39 50				

VENTILATORS FOR CORDS—50 cents list extra on sizes up to 14 x 14, and \$1.00 list extra on sizes above.

In ordering Ventilators specify whether for side wall or ceiling.



FLEUR DE LIS.

Registers, Faces, Borders.

For Either Floor or Wall. Solid Brass or Bronze Metal.

Highly Polished and Lacquered.

SIZE OF OPENING	Register	Register Face	Floor Border	SIZE OF OPENING	Register	Register Face	Floor Border
4 1/2 x 6 1/2	2 80	2 20	5 40	9 x 24	19 25	16 10	17 90
4 x 8	2 90	2 35	5 65	9 x 25	21 10	17 50	18 20
4 x 10	3 75	3 00	6 60	9 x 26	22 10	18 60	18 90
4 x 12	4 50	3 00	7 50	9 x 28	25 15	21 00	21 00
4 x 13	4 90	3 55	8 05	9 x 30	26 20	22 50	22 00
4 x 15	5 60	4 35	8 95	10 x 10	9 50	7 50	11 90
4 x 18	6 75	5 80	9 85	10 x 12	11 05	9 15	12 50
4 x 21	7 85	6 05	10 80	10 x 14	12 65	10 35	13 60
5 x 8	3 55	2 80	6 15	10 x 15	13 75	11 50	14 00
5 x 9	4 00	3 20	6 65	10 x 16	14 45	12 45	14 50
5 x 10	4 45	3 50	7 15	10 x 18	16 10	14 00	16 30
5 x 11	4 90	3 85	7 65	10 x 20	18 00	15 60	17 70
5 x 12	5 35	4 25	8 20	10 x 22	20 50	17 30	18 00
5 x 13	5 75	4 55	8 90	10 x 24	21 70	18 25	18 70
5 x 14	6 20	4 95	9 20	10 x 26	22 00	19 00	19 75
5 x 15	6 65	5 25	9 50	10 x 28	23 00	20 00	21 75
5 x 16	7 15	5 65	10 05	10 x 30	24 80	21 50	23 50
5 x 17	7 55	6 00	10 15	10 x 32	25 90	23 40	25 95
5 x 18	8 00	6 25	10 85	10 x 34	26 00	24 00	26 30
5 x 20	8 60	6 80	11 50	11 x 17	17 15	14 45	16 30
6 x 6	3 60	2 90	6 70	11 x 18	18 00	15 30	17 00
6 x 8	4 10	3 30	7 40	11 x 20	20 80	17 40	18 90
6 x 9	4 60	3 70	7 95	12 x 12	13 75	11 45	14 15
6 x 10	5 10	4 05	8 10	12 x 14	16 10	14 00	16 30
6 x 12	6 15	4 90	9 15	12 x 15	16 80	14 25	16 40
6 x 14	7 15	5 65	10 05	12 x 16	18 00	15 60	17 70
6 x 16	8 20	6 50	11 00	12 x 17	19 10	16 05	17 85
6 x 18	9 30	7 35	11 75	12 x 18	20 50	17 30	18 00
6 x 20	10 25	8 15	12 50	12 x 19	21 35	18 10	18 25
6 x 22	12 00	9 50	13 45	12 x 20	22 40	19 00	19 10
6 x 24	14 00	12 00	14 40	12 x 22	26 95	22 80	22 15
6 x 26	16 75	14 20	16 35	12 x 24	31 65	28 50	24 75
6 x 30	19 00	16 00	17 80	12 x 26	35 90	30 40	25 95
6 x 32	22 00	18 50	18 50	12 x 28	38 25	32 40	27 10
7 x 7	4 25	3 40	6 75	12 x 30	40 60	34 25	28 25
7 x 10	6 05	4 85	9 10	12 x 40	45 50	37 40	29 55
7 x 12	7 85	6 00	10 20	12 x 48	64 00	53 50	38 00
7 x 14	8 50	6 85	11 05	14 x 14	19 00	16 00	17 80
7 x 15	9 10	7 30	11 65	14 x 15	20 85	17 25	17 95
8 x 8	5 60	4 35	8 95	14 x 16	21 70	18 25	18 70
8 x 10	7 00	5 50	10 00	14 x 18	24 80	20 50	20 50
8 x 12	8 60	6 90	11 10	14 x 20	27 10	23 10	22 50
8 x 13	9 10	7 30	11 65	14 x 22	29 85	25 45	23 60
8 x 14	9 80	8 10	12 10	14 x 24	32 50	27 50	25 65
8 x 15	10 80	8 65	12 65	14 x 26	36 00	31 00	28 00
8 x 16	11 20	9 25	13 90	14 x 28	41 00	35 00	32 00
8 x 18	12 80	10 60	15 65	15 x 15	21 70	18 25	18 70
8 x 20	14 90	12 05	16 40	15 x 20	31 50	26 90	23 15
8 x 21	15 00	12 80	17 15	15 x 21	32 75	28 00	24 25
8 x 24	18 00	15 00	17 70	15 x 25	38 90	31 50	27 00
8 x 27	20 50	17 80	18 00	15 x 30	46 85	39 90	31 00
8 x 30	22 25	18 65	19 00	15 x 34	50 20	42 90	32 50
8 x 32	24 00	20 00	20 00	16 x 16	25 15	21 00	21 00
9 x 9	7 20	5 95	10 10	16 x 18	29 00	24 80	23 50
9 x 12	9 60	8 00	12 00	16 x 20	32 75	28 00	24 25
9 x 13	10 45	8 60	12 60	16 x 22	35 40	30 20	25 85
9 x 14	11 90	9 95	12 90	16 x 24	38 65	33 00	27 60
9 x 15	12 00	10 00	13 50	16 x 26	45 10	37 20	29 75
9 x 16	12 50	10 60	13 65	16 x 30	48 20	41 15	31 50
9 x 17	13 65	11 25	13 70	16 x 32	51 00	43 40	33 35
9 x 18	14 45	12 45	14 50	16 x 36	57 00	48 00	35 90
9 x 19	15 25	13 90	16 20	18 x 18	33 65	28 50	24 75
9 x 20	16 10	14 00	16 30	18 x 20	34 00	30 50	26 20
9 x 22	17 65	14 65	16 00	18 x 21	39 30	33 70	27 65
9 x 24				18 x 24	44 95	37 00	29 80

Registers, Faces, Borders.

For either Floor or Wall. Solid Brass or Bronze Metal.

Highly Polished and Lacquered—Continued.

SIZE OF OPENING	Register	Register Face	Floor Border	SIZE OF OPENING	Register	Register Face	Floor Border
18 x 27	50 20	42 00	32 50	24 x 24	66 35	56 75	37 30
18 x 30	55 15	47 75	34 75	24 x 26	72 00	62 25	45 75
18 x 36	67 35	57 75	38 80	24 x 27	74 00	64 00	47 50
20 x 20	43 90	36 75	29 00	24 x 30	82 00	70 00	54 00
20 x 22	49 30	41 15	31 50	24 x 32	86 25	75 00	57 00
20 x 24	51 50	44 00	33 50	24 x 36	98 40	85 10	64 00
20 x 26	55 75	47 00	34 65	24 x 42	123 00	106 00	80 30
20 x 28	60 00	49 75	36 00	27 x 27	96 25	78 00	57 00
20 x 30	64 35	55 10	37 00	27 x 36	121 90	104 50	78 00
20 x 32	66 65	58 00	39 00	28 x 28	93 15	80 00	62 00
20 x 36	77 20	65 15	50 00	28 x 30	94 30	81 00	63 00
21 x 21	48 30	41 15	31 50	28 x 32	106 40	92 00	69 00
21 x 23	57 00	48 00	35 00	28 x 36	119 75	102 00	76 00
21 x 25	66 35	56 75	37 30	30 x 30	111 85	97 00	74 00
21 x 27	75 45	65 00	48 40	30 x 36	128 15	110 00	83 00
21 x 37	84 65	72 65	55 00	30 x 42	156 00	135 15	110 00
21 x 39	89 20	76 60	58 30	30 x 48	178 20	155 00	123 00
22 x 22	52 70	45 00	34 60	32 x 36	142 00	123 00	95 00
22 x 24	57 00	48 00	35 00	32 x 38	156 00	135 15	110 00
22 x 26	62 70	50 00	36 50	32 x 40	178 20	155 00	123 00
22 x 28	67 10	57 80	38 00	32 x 42	184 00	160 00	129 00
22 x 30	71 90	61 70	43 10	32 x 48	207 40	178 00	137 00
22 x 32	76 45	66 00	49 20	32 x 38	173 20	154 00	125 00
22 x 36	86 35	75 00	57 00	32 x 40	181 00	160 00	130 00
22 x 38	91 00	79 00	60 00	32 x 42	192 80	165 00	133 00
22 x 42	105 00	86 40	65 00				

☞ If for use in FLOOR, it should be so stated in ordering, when Strengthening Bars will be added.

Registers finished in any desired color to match Hardware, Woodwork or Decoration.



RENAISSANCE.

Registers and Borders.

White Porcelain Enamel.

SIZE OF OPENING	Register	Border	SIZE OF OPENING	Register	Border
4 1/2 x 6 1/2	3 00	2 70	9 x 24	18 25	18 40
4 1/2 x 8	3 40	3 00	9 x 25	20 50	18 45
4 1/2 x 10	3 75	3 40	9 x 26	21 65	19 50
4 1/2 x 12	5 00	5 00	9 x 28	24 25	21 85
4 1/2 x 13	6 00	5 40	9 x 30	25 25	22 75
4 1/2 x 15	7 00	6 30	10 x 10	8 25	7 40
4 1/2 x 16	8 40	7 35	10 x 12	9 80	8 90
4 x 21	9 80	8 80	10 x 14	11 50	10 25
4 x 24	11 10	10 00	10 x 15	12 30	11 15
5 x 9	4 20	3 80	10 x 16	13 10	11 80
5 x 9	4 70	4 25	10 x 18	14 40	13 30
6 x 10	5 30	4 80	10 x 20	16 40	14 75
6 x 11	5 90	5 35	10 x 22	18 50	16 85
6 x 12	6 30	5 65	10 x 24	21 01	18 90
6 x 13	6 80	6 15	10 x 28	22 50	24 50
6 x 15	7 40	6 65	10 x 30	24 00	27 00
6 x 16	7 90	7 10	10 x 34	31 50	31 00
6 x 17	8 90	8 00	10 x 36	33 25	34 45
8 x 18	9 50	8 55	10 x 42	50 00	45 00
8 x 20	20 50	18 50	11 x 17	15 39	13 75
8 x 8	3 40	3 05	11 x 18	16 29	14 60
8 x 9	4 60	4 15	11 x 20	18 00	16 20
8 x 9	5 10	4 60	12 x 14	11 40	10 60
8 x 10	5 70	5 15	12 x 14	13 80	12 40
8 x 12	6 80	6 10	12 x 15	14 40	13 30
8 x 14	8 00	7 20	12 x 16	15 60	14 70
8 x 16	9 10	8 20	12 x 17	16 70	15 00
8 x 18	10 30	9 35	12 x 18	17 70	15 90
8 x 20	11 40	10 25	12 x 19	18 70	16 80
8 x 22	12 80	11 75	12 x 20	20 00	18 00
8 x 24	14 00	12 60	12 x 22	23 25	20 95
8 x 26	17 00	15 70	12 x 30	30 00	27 00
8 x 30	18 50	16 65	12 x 32	31 80	29 00
8 x 32	21 00	18 90	12 x 34	36 91	32 75
9 x 7	4 75	4 30	12 x 36	38 25	34 45
9 x 10	4 40	3 95	12 x 40	50 00	43 00
9 x 12	7 90	7 10	12 x 48	63 50	56 50
9 x 14	9 20	8 30	14 x 14	16 25	14 60
9 x 15	9 90	8 90	14 x 15	17 50	15 55
9 x 8	5 50	4 95	14 x 16	18 40	16 55
9 x 10	6 90	6 20	14 x 18	20 10	18 10
9 x 12	8 30	7 45	14 x 20	23 30	20 95
9 x 13	9 00	8 10	14 x 22	27 40	24 65
9 x 14	9 70	8 70	14 x 24	29 80	26 55
9 x 15	10 30	9 25	14 x 26	31 50	28 50
9 x 16	11 20	10 10	14 x 28	34 50	30 65
9 x 18	12 40	11 15	15 x 13	18 30	16 45
9 x 20	14 00	12 15	15 x 20	25 40	22 40
9 x 21	14 80	13 05	15 x 21	26 50	23 85
9 x 22	17 50	15 75	15 x 25	31 00	27 90
9 x 24	19 00	17 00	15 x 30	37 50	33 75
9 x 27	21 60	19 45	15 x 34	46 00	41 40
9 x 30	21 60	19 45	16 x 16	21 20	19 05
9 x 40	45 00	40 50	16 x 18	23 80	21 40
9 x 9	6 90	6 20	16 x 20	26 30	23 65
9 x 12	9 10	8 20	16 x 22	29 00	26 10
9 x 13	9 80	8 80	16 x 24	31 60	28 45
9 x 14	10 40	9 55	16 x 28	36 70	33 05
9 x 15	11 30	10 15	16 x 30	39 40	35 45
9 x 16	12 10	10 90	16 x 32	42 80	38 25
9 x 17	12 90	11 60	16 x 36	50 00	45 00
9 x 18	13 60	12 25	18 x 18	36 00	32 95
9 x 19	14 40	12 95	18 x 20	38 00	35 00
9 x 20	15 10	13 60	18 x 21	39 10	36 30
9 x 22	16 91	14 90	18 x 24	45 50	41 90

Registers and Borders.

White Porcelain Enamel—Continued.

SIZE OF OPENING	Register	Border	SIZE OF OPENING	Register	Border
12 x 27..	39 00	35 00	24 x 24..	49 00	39 20
12 x 30..	44 80	39 85	24 x 26..	54 50	43 60
12 x 36..	54 10	43 70	24 x 27..	56 00	44 80
20 x 20..	32 50	29 25	24 x 30..	62 00	49 60
20 x 22..	35 70	32 15	24 x 32..	66 00	52 00
20 x 24..	39 00	35 10	24 x 36..	74 00	59 20
20 x 26..	42 00	37 60	24 x 42..	82 00	68 00
20 x 28..	45 00	40 95	27 x 27..	55 00	43 60
20 x 30..	49 00	44 10	27 x 28..	56 00	44 80
20 x 32..	52 00	46 80	28 x 28..	72 00	57 80
20 x 36..	59 00	55 10	28 x 30..	77 00	61 00
21 x 21..	37 00	29 60	28 x 32..	84 00	67 00
21 x 22..	44 00	35 20	28 x 36..	92 00	73 00
21 x 24..	52 00	41 60	30 x 30..	85 00	68 00
21 x 26..	56 00	46 40	30 x 36..	102 00	81 00
21 x 30..	65 00	52 00	30 x 42..	119 00	93 00
21 x 36..	74 00	59 20	30 x 48..	136 00	108 00
22 x 22..	41 00	32 80	32 x 36..	111 00	89 00
22 x 24..	44 00	35 20	32 x 38..	127 00	101 00
22 x 26..	48 00	38 40	32 x 40..	142 00	112 00
22 x 28..	52 00	41 60	32 x 42..	159 00	126 00
22 x 30..	55 00	44 00	32 x 48..	178 00	137 00
22 x 32..	59 00	47 20	32 x 46..	145 00	124 00
22 x 36..	68 00	52 80	32 x 40..	155 00	132 00
22 x 38..	70 00	56 00	32 x 48..	160 00	136 00
22 x 42..	82 50	66 00			

VENTILATORS FOR CORDS—50 cents list extra on sizes up to 14 x 14, and \$1.00 list extra on sizes above.

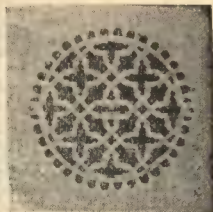
In ordering Ventilators specify whether for side wall or ceiling.



LOZENGE.

Round Square Face Registers.

SIZES	Prices	
	Black	White
7.....	each, 2 60.....	each, 2 40.....
8.....	..... 2 50.....	..... 3 00.....
9.....	..... 3 10.....	..... 3 70.....
10.....	..... 3 70.....	..... 4 50.....
12.....	..... 5 30.....	..... 6 35.....



Ventilating Plates.



SIZE OF OPENING	Japanned Black	Japanned White	Nickel Plated	Brass or Bronze Plated
2 x 6.....	..... 0 30.....	..... 0 35.....	..... 0 50.....	..... 0 65.....
2 x 9.....	..... 80.....	..... 55.....	..... 75.....	..... 90.....
2 x 12.....	..... 60.....	..... 75.....	..... 1 00.....	..... 1 20.....
2 x 15.....	..... 75.....	..... 85.....	..... 1 25.....	..... 1 50.....
2 x 18.....	..... 90.....	..... 1 10.....	..... 1 50.....	..... 1 85.....
2 x 22.....	..... 1 10.....	..... 1 25.....	..... 1 80.....	..... 2 25.....
2 x 24.....	..... 1 20.....	..... 1 40.....	..... 1 95.....	..... 2 35.....
2 x 30.....	..... 1 45.....	..... 1 65.....	..... 2 40.....	..... 3 00.....
3 x 9.....	..... 55.....	..... 65.....	..... 90.....	..... 1 10.....
3 x 12.....	..... 60.....	..... 70.....	..... 1 10.....	..... 1 45.....
3 x 18.....	..... 1 00.....	..... 1 15.....	..... 1 70.....	..... 2 10.....
3 x 20.....	..... 1 10.....	..... 1 25.....	..... 1 85.....	..... 2 35.....
3 x 24.....	..... 1 35.....	..... 1 50.....	..... 2 30.....	..... 2 80.....
3 x 30.....	..... 1 50.....	..... 2 25.....	..... 3 40.....	..... 4 20.....
4 x 6.....	..... 80.....	..... 55.....	..... 75.....	..... 90.....
4 x 9.....	..... 65.....	..... 75.....	..... 1 10.....	..... 1 30.....
4 x 12.....	..... 85.....	..... 1 00.....	..... 1 45.....	..... 1 70.....
4 x 15.....	..... 1 10.....	..... 1 25.....	..... 1 80.....	..... 2 25.....
4 x 18.....	..... 1 35.....	..... 1 50.....	..... 2 20.....	..... 2 60.....
4 x 24.....	..... 1 70.....	..... 1 85.....	..... 2 90.....	..... 3 50.....

Slate Register Borders.

Inches.	Price.
6 x 8	\$ot26
6 x 9	28
6 x 10	30
6 x 14	38
6 x 16	45
6 x 18	51
7 x 7	28
7 x 10	32
8 x 8	30
8 x 10	34
8 x 12	39
8 x 15	52
8 x 18	60
9 x 9	36
9 x 12	48
9 x 13	50
9 x 14	52
10 x 10	44
10 x 12	49
10 x 14	55
10 x 16	68
10 x 18	80
10 x 20	84
12 x 12	58
12 x 14	64
12 x 15	70
12 x 16	74
12 x 17	84
12 x 18	90
12 x 19	96
12 x 20	1 06
12 x 24	1 22
14 x 14	90
14 x 16	1 00
14 x 18	1 12
14 x 20	1 24
14 x 22	1 30
15 x 25	1 80
16 x 16	1 30
16 x 18	1 40
16 x 20	1 70
16 x 24	1 90

Inches	Price.
18 x 24	\$2 10
20 x 20	1 90
20 x 24	2 30
20 x 26	2 50
21 x 29	3 00
24 x 24	2 70
27 x 27	3 40
27 x 38	4 00
30 x 30	4 50

ROUND BORDERS.

Inches.	Price.
6	\$o 28
7	32
8	36
9	42
10	50
12	64
14	78
16	1 10
18	1 28
20	1 80
24	2 52
30	4 50

MARBLEIZED SLATE GIR. TOP
WALL BORDERS.

Inches.	Price.
8 x 12	\$o 90
9 x 12	90
10 x 14	1 06
11 x 13	1 06
13 x 15	1 20

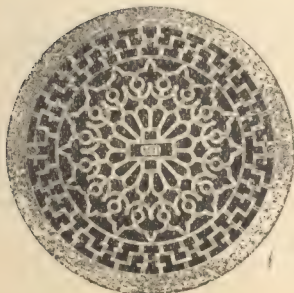
PLAIN SLATE GIR. TOP
WALL BORDERS.

Inches.	Price.
8 x 12	\$o 60
9 x 12	60
10 x 14	68
11 x 13	68
13 x 15	80

Round Ceiling Ventilator.



Register.



Round Registers, Faces, Borders.

Slide-Centre Movement.

In ordering Ventilators specify whether for side wall or ceiling.

Ventilating Fixtures 50 cents list extra for all sizes up to 14 inches, and \$1.00.

Not extra on all sizes above.

Round Registers.

SIZE OF OPENING	Japanned Black	Japanned White	Bronzed, Gold, Copper or Bronze Finish	Electro-Plated		White Porcelain Enamel	Brass or Bronze Metal
				Nickel	Brass, Bronze or Copper		
5 in.	1 20	1 60	2 50	2 50	2 75	3 75	3 60
6 "	1 50	1 80	2 70	2 70	3 00	3 40	3 60
7 "	1 55	1 50	2 90	2 90	3 50	4 40	4 60
8 "	1 60	1 55	3 00	3 00	3 70	5 50	5 60
9 "	2 00	2 40	3 80	3 90	4 90	6 90	7 20
10 "	2 35	2 85	4 85	4 85	5 85	8 20	9 60
12 "	3 00	4 80	6 85	8 35	7 90	11 80	13 75
14 "	7 90	9 45	11 00	11 00	14 30	16 20	19 60
16 "	11 00	12 20	15 00	15 00	19 75	21 20	25 15
18 "	18 50	20 85	23 75	23 75	25 00	26 60	33 65
20 "	19 75	21 75	24 75	24 75	32 40	32 50	43 90
24 "	30 00	33 00	40 00	40 00	49 00	49 00	56 35
28 "	44 00	48 40	57 50	57 50	72 00	72 00	93 15
30 "	49 00	53 90	65 00	65 00	75 00	85 00	111 35
36 "	80 00	88 00	105 00	105 00	127 00	127 00	156 00

Round Faces only.

SIZE OF OPENING	Japanned Black	Japanned White	Bronzed, Gold, Copper or Bronze Finish	Electro-Plated		White Porcelain Enamel	Brass or Bronze Metal
				Nickel	Brass, Bronze or Copper		
5 in.	85	1 10	1 90	1 90	2 30	1 95	2 00
6 "	90	1 20	2 10	2 10	2 40	2 05	3 05
7 "	1 00	1 31	2 35	2 35	2 95	3 90	4 00
8 "	1 05	1 40	2 45	2 45	3 15	4 85	5 00
9 "	1 40	1 80	3 30	3 30	4 80	5 90	6 10
10 "	1 55	2 15	3 65	3 65	4 65	7 30	7 60
12 "	2 70	3 80	5 05	5 05	6 60	10 60	11 45
14 "	4 05	5 60	7 15	7 15	9 60	14 60	16 00
16 "	5 10	6 20	9 10	9 10	12 80	19 05	21 00
18 "	7 20	9 05	12 45	12 45	16 50	23 95	28 50
20 "	8 00	10 00	13 00	13 00	21 20	29 25	36 75
24 "	12 00	15 00	22 00	22 00	32 50	32 80	56 75
28 "	19 00	23 40	32 50	32 50	49 00	49 00	80 00
30 "	21 50	26 40	37 00	37 00	55 00	56 00	97 00
36 "	35 00	43 00	60 00	60 00	83 00	83 00	135 15

Round Floor Borders.

SIZE OF OPENING	Japanned Black	Japanned White	Bronzed, Gold, Copper or Bronze Finish	Electro-Plated		White Porcelain Enamel	Brass or Bronze Metal
				Nickel	Brass, Bronze or Copper		
5 in.	1 30	1 25	2 25	2 25	2 85	2 80	5 00
6 "	1 15	1 85	2 35	2 35	2 95	3 05	6 25
7 "	1 20	1 60	2 55	2 55	3 50	4 30	6 75
8 "	1 25	1 60	2 65	2 65	3 55	4 95	8 55
9 "	1 60	1 85	3 30	3 30	4 50	6 20	10 10
10 "	1 70	2 15	3 70	3 70	5 20	7 40	11 80
12 "	2 70	3 50	5 05	5 05	7 10	10 60	14 15
14 "	4 05	5 60	7 15	7 15	10 00	14 60	17 80
16 "	5 10	6 20	9 10	9 10	12 80	19 05	21 00
18 "	7 20	9 05	12 45	12 45	15 00	23 95	24 75
20 "	8 00	10 00	13 00	13 00	18 10	29 25	29 60
24 "	12 00	15 00	22 00	22 00	32 50	32 80	56 75
28 "	19 00	23 40	32 50	32 50	49 00	49 00	80 00
30 "	21 50	26 40	37 00	37 00	55 00	56 00	97 00
36 "	35 00	43 00	60 00	60 00	83 00	83 00	135 15

Convex Square.

SIZE OF OPENING	Japanned		Bronzed, Gold, Copper or Bronze Finish	Electro-Plated		White Porcelain Enamel	Solid Brass or Bronze Metal
	Black	White		Nickel	Brass, Bronze or Copper		
4 x 8	2 00	2 40	2 70	2 70	3 30	4 30	4 40
6 x 8	2 20	2 65	3 45	3 45	4 20	5 70	5 80
6 x 10	2 30	2 95	3 70	3 70	4 45	6 65	6 95
6 x 12	2 65	3 20	4 30	4 30	5 55	8 15	8 30
7 x 10	2 35	3 35	3 85	3 85	5 00	7 00	7 10
8 x 8	2 40	2 90	3 80	3 80	5 00	7 00	7 10
8 x 10	2 40	2 90	3 90	3 90	5 10	7 15	7 20
8 x 12	2 70	3 25	4 45	4 45	5 75	7 65	7 80
9 x 10	4 50	5 40	6 70	6 70	8 60	11 90	12 50
9 x 12	7 25	8 70	10 00	10 00	12 00	13 70	14 45
9 x 14	2 90	3 50	4 80	4 80	6 40	8 40	8 80
9 x 16	3 00	3 60	4 90	4 90	6 00	10 60	11 25
10 x 10	3 90	4 70	6 10	6 10	8 10	12 25	12 90
10 x 12	3 45	4 15	5 45	5 45	7 15	10 00	10 65
10 x 14	3 75	4 50	5 75	5 75	7 40	11 00	11 50
10 x 16	5 00	6 00	7 10	7 10	9 40	14 35	15 20
12 x 12	7 25	8 70	9 60	9 60	12 50	17 10	18 10
12 x 14	7 40	8 90	9 45	9 45	12 50	17 10	18 10
12 x 16	7 50	9 00	10 00	10 00	13 00	18 35	19 40
12 x 18	8 75	10 50	11 40	11 40	15 00	21 00	22 40
14 x 14	10 00	12 00	13 20	13 20	15 70	21 80	23 40
14 x 16	11 20	13 25	14 50	14 50	16 75	23 20	24 90
14 x 18	12 50	14 50	15 90	15 90	18 25	24 70	26 75
16 x 16	14 50	16 50	18 00	18 00	21 40	27 80	29 80
16 x 18	17 50	20 00	22 00	22 00	27 75	32 40	34 65
16 x 20	14 00	16 00	17 50	17 50	20 00	22 00	22 90
16 x 22	15 00	17 00	18 00	18 00	22 10	24 00	26 20
16 x 24	16 00	18 25	20 00	20 00	24 25	26 50	28 85
16 x 26	17 00	19 25	21 25	21 25	25 25	28 50	30 80
16 x 28	18 00	20 50	22 75	22 75	28 00	29 00	31 10
16 x 30	20 00	22 50	25 00	25 00	31 50	32 00	34 25
18 x 18	26 00	29 00	32 00	32 00	38 50	38 60	41 00
18 x 20	27 00	30 00	33 00	33 00	41 00	41 00	44 00
18 x 22	30 00	33 00	36 00	36 00	44 00	44 00	48 40
18 x 24	28 50	32 50	35 50	35 50	43 00	43 00	47 40
24 x 24	40 00	48 00	50 00	50 00	60 00	60 00	74 00

Convex Circular Top.

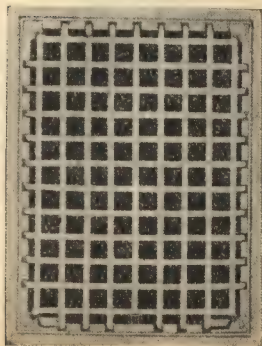
SIZE OF OPENING	Japanned		Bronzed, Gold, Copper or Bronze Finish	Electro-Plated		Solid Brass or Bronze Metal
	Black	White		Nickel	Brass Bronze or Copper	
7 x 10	2 50	3 00	4 20	4 20	5 50	9 50
8 x 12	2 95	3 50	4 65	4 65	6 00	10 20
9 x 12	3 30	4 00	5 80	5 20	7 00	11 25
10 x 14	5 50	6 50	7 60	7 60	10 00	15 20

Convex—Square.



Standard.

Convex—Square.

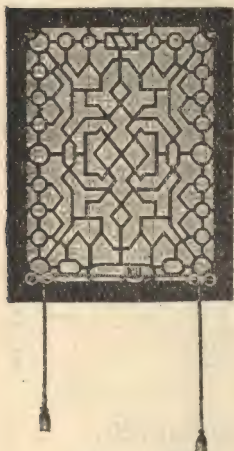


Plain Lattice.

Circular Top Registers.

SIZE OF OPENING	Japanned Black	Japanned White	Bronzed Gold, Copper or Bronze Finish	Electro-Plated		White Porce- lain Enam- eled
				Nickel	Brass, Bronze or Copper	
7 x 10	1 90	2 80	3 80	3 30	4 00	4 50
8 x 12	2 35	2 80	4 00	4 00	4 75	5 75
9 x 14	3 40	4 20	5 50	5 50	6 60	8 00
10 x 16	5 65	5 15	7 75	7 75	8 75	10 00
11 x 18	8 10	7 90	10 00	10 00	11 50	14 00
12 x 20	11 35	10 60	13 50	13 50	15 50	18 75
13 x 22	15 00	14 40	18 50	18 50	20 00	25 50
14 x 24	19 00	18 50	23 50	23 50	25 50	32 50
15 x 26	23 00	22 00	29 00	29 00	32 00	40 00
16 x 28	27 00	26 00	34 00	34 00	37 00	48 00
17 x 30	31 00	30 00	39 00	39 00	42 00	56 00
18 x 32	35 00	34 00	44 00	44 00	47 00	64 00
19 x 34	39 00	38 00	49 00	49 00	52 00	72 00
20 x 36	43 00	42 00	54 00	54 00	57 00	80 00
21 x 38	47 00	46 00	59 00	59 00	62 00	88 00
22 x 40	51 00	50 00	64 00	64 00	67 00	96 00
23 x 42	55 00	54 00	69 00	69 00	72 00	104 00
24 x 44	59 00	58 00	74 00	74 00	77 00	112 00
25 x 46	63 00	62 00	79 00	79 00	82 00	120 00
26 x 48	67 00	66 00	84 00	84 00	87 00	128 00
27 x 50	71 00	70 00	89 00	89 00	92 00	136 00
28 x 52	75 00	74 00	94 00	94 00	97 00	144 00
29 x 54	79 00	78 00	99 00	99 00	102 00	152 00
30 x 56	83 00	82 00	104 00	104 00	107 00	160 00
31 x 58	87 00	86 00	109 00	109 00	112 00	168 00
32 x 60	91 00	90 00	114 00	114 00	117 00	176 00
33 x 62	95 00	94 00	119 00	119 00	122 00	184 00
34 x 64	99 00	98 00	124 00	124 00	127 00	192 00
35 x 66	103 00	102 00	129 00	129 00	132 00	200 00
36 x 68	107 00	106 00	134 00	134 00	137 00	208 00
37 x 70	111 00	110 00	139 00	139 00	142 00	216 00
38 x 72	115 00	114 00	144 00	144 00	147 00	224 00
39 x 74	119 00	118 00	149 00	149 00	152 00	232 00
40 x 76	123 00	122 00	154 00	154 00	157 00	240 00
41 x 78	127 00	126 00	159 00	159 00	162 00	248 00
42 x 80	131 00	130 00	164 00	164 00	167 00	256 00
43 x 82	135 00	134 00	169 00	169 00	172 00	264 00
44 x 84	139 00	138 00	174 00	174 00	177 00	272 00
45 x 86	143 00	142 00	179 00	179 00	182 00	280 00
46 x 88	147 00	146 00	184 00	184 00	187 00	288 00
47 x 90	151 00	150 00	189 00	189 00	192 00	296 00
48 x 92	155 00	154 00	194 00	194 00	197 00	304 00
49 x 94	159 00	158 00	199 00	199 00	202 00	312 00
50 x 96	163 00	162 00	204 00	204 00	207 00	320 00
51 x 98	167 00	166 00	209 00	209 00	212 00	328 00
52 x 100	171 00	170 00	214 00	214 00	217 00	336 00
53 x 102	175 00	174 00	219 00	219 00	222 00	344 00
54 x 104	179 00	178 00	224 00	224 00	227 00	352 00
55 x 106	183 00	182 00	229 00	229 00	232 00	360 00
56 x 108	187 00	186 00	234 00	234 00	237 00	368 00
57 x 110	191 00	190 00	239 00	239 00	242 00	376 00
58 x 112	195 00	194 00	244 00	244 00	247 00	384 00
59 x 114	199 00	198 00	249 00	249 00	252 00	392 00
60 x 116	203 00	202 00	254 00	254 00	257 00	400 00
61 x 118	207 00	206 00	259 00	259 00	262 00	408 00
62 x 120	211 00	210 00	264 00	264 00	267 00	416 00
63 x 122	215 00	214 00	269 00	269 00	272 00	424 00
64 x 124	219 00	218 00	274 00	274 00	277 00	432 00
65 x 126	223 00	222 00	279 00	279 00	282 00	440 00
66 x 128	227 00	226 00	284 00	284 00	287 00	448 00
67 x 130	231 00	230 00	289 00	289 00	292 00	456 00
68 x 132	235 00	234 00	294 00	294 00	297 00	464 00
69 x 134	239 00	238 00	299 00	299 00	302 00	472 00
70 x 136	243 00	242 00	304 00	304 00	307 00	480 00
71 x 138	247 00	246 00	309 00	309 00	312 00	488 00
72 x 140	251 00	250 00	314 00	314 00	317 00	496 00
73 x 142	255 00	254 00	319 00	319 00	322 00	504 00
74 x 144	259 00	258 00	324 00	324 00	327 00	512 00
75 x 146	263 00	262 00	329 00	329 00	332 00	520 00
76 x 148	267 00	266 00	334 00	334 00	337 00	528 00
77 x 150	271 00	270 00	339 00	339 00	342 00	536 00
78 x 152	275 00	274 00	344 00	344 00	347 00	544 00
79 x 154	279 00	278 00	349 00	349 00	352 00	552 00
80 x 156	283 00	282 00	354 00	354 00	357 00	560 00
81 x 158	287 00	286 00	359 00	359 00	362 00	568 00
82 x 160	291 00	290 00	364 00	364 00	367 00	576 00
83 x 162	295 00	294 00	369 00	369 00	372 00	584 00
84 x 164	299 00	298 00	374 00	374 00	377 00	592 00
85 x 166	303 00	302 00	379 00	379 00	382 00	600 00
86 x 168	307 00	306 00	384 00	384 00	387 00	608 00
87 x 170	311 00	310 00	389 00	389 00	392 00	616 00
88 x 172	315 00	314 00	394 00	394 00	397 00	624 00
89 x 174	319 00	318 00	399 00	399 00	402 00	632 00
90 x 176	323 00	322 00	404 00	404 00	407 00	640 00
91 x 178	327 00	326 00	409 00	409 00	412 00	648 00
92 x 180	331 00	330 00	414 00	414 00	417 00	656 00
93 x 182	335 00	334 00	419 00	419 00	422 00	664 00
94 x 184	339 00	338 00	424 00	424 00	427 00	672 00
95 x 186	343 00	342 00	429 00	429 00	432 00	680 00
96 x 188	347 00	346 00	434 00	434 00	437 00	688 00
97 x 190	351 00	350 00	439 00	439 00	442 00	696 00
98 x 192	355 00	354 00	444 00	444 00	447 00	704 00
99 x 194	359 00	358 00	449 00	449 00	452 00	712 00
100 x 196	363 00	362 00	454 00	454 00	457 00	720 00
101 x 198	367 00	366 00	459 00	459 00	462 00	728 00
102 x 200	371 00	370 00	464 00	464 00	467 00	736 00
103 x 202	375 00	374 00	469 00	469 00	472 00	744 00
104 x 204	379 00	378 00	474 00	474 00	477 00	752 00
105 x 206	383 00	382 00	479 00	479 00	482 00	760 00
106 x 208	387 00	386 00	484 00	484 00	487 00	768 00
107 x 210	391 00	390 00	489 00	489 00	492 00	776 00
108 x 212	395 00	394 00	494 00	494 00	497 00	784 00
109 x 214	399 00	398 00	499 00	499 00	502 00	792 00
110 x 216	403 00	402 00	504 00	504 00	507 00	800 00
111 x 218	407 00	406 00	509 00	509 00	512 00	808 00
112 x 220	411 00	410 00	514 00	514 00	517 00	816 00
113 x 222	415 00	414 00	519 00	519 00	522 00	824 00
114 x 224	419 00	418 00	524 00	524 00	527 00	832 00
115 x 226	423 00	422 00	529 00	529 00	532 00	840 00
116 x 228	427 00	426 00	534 00	534 00	537 00	848 00
117 x 230	431 00	430 00	539 00	539 00	542 00	856 00
118 x 232	435 00	434 00	544 00	544 00	547 00	864 00
119 x 234	439 00	438 00	549 00	549 00	552 00	872 00
120 x 236	443 00	442 00	554 00	554 00	557 00	880 00
121 x 238	447 00	446 00	559 00	559 00	562 00	888 00
122 x 240	451 00	450 00	564 00	564 00	567 00	896 00
123 x 242	455 00	454 00	569 00	569 00	572 00	904 00
124 x 244	459 00	458 00	574 00	574 00	577 00	912 00
125 x 246	463 00	462 00	579 00	579 00	582 00	920 00
126 x 248	467 00	466 00	584 00	584 00	587 00	928 00
127 x 250	471 00	470 00	589 00	589 00	592 00	936 00
128 x 252	475 00	474 00	594 00	594 00	597 00	944 00
129 x 254	479 00	478 00	599 00	599 00	602 00	952 00
130 x 256	483 00	482 00	604 00	604 00	607 00	960 00
131 x 258	487 00	486 00	609 00	609 00	612 00	968 00
132 x 260	491 00	490 00	614 00	614 00	617 00	976 00
133 x 262	495 00	494 00	619 00	619 00	622 00	984 00
134 x 264	499 00	498 00	624 00	624 00	627 00	992 00
135 x 266	503 00	502 00	629 00	629 00	632 00	1000 00
136 x 268	507 00	506 00	634 00	634 00	637 00	1008 00
137 x 270	511 00	510 00	639 00	639 00	642 00	1016 00
138 x 272	515 00	514 00	644 00	644 00	647 00	1024 00
139 x 274	519 00	518 00	649 00	649 00	652 00	1032 00
140 x 276	523 00	522 00	654 00	654 00	657 00	1040 00
141 x 278	527 00	526 00	659 00	659 00	662 00	1048 00
142 x 280	531 00	530 00	664 00	664 00	667 00	1056 00
143 x 282	535 00	534 00	669 00	669 00	672 00	1064 00
144 x 284	539 00	538 00	674 00	674 00	677 00	1072 00
145 x 286	543 00	542 00	679 00	679 00	682 00	1080 00
146 x 288	547 00	546 00	684 00	684 00	687 00	1088 00
147 x 290	551 00	550 00	689 00	689 00	692 00	1096 00
148 x 292	555 00	554 00	694 00	694 00	697 00	1104 00
149 x 294	559 00	558 00	699 00	699 00	702 00	1112 00
150 x 296	563 00	562 00	704 00	704 00	707 00	1120 00
151 x 298	567 00	566 00	709 00	709 00		

Square Ventilators—Standard Pattern.



Indicator Handles.



Round Ventilating Plates.

SIZE OF OPENING	Japaned	Japaned
	Black	White
3 in.....	each, 0 20	each, 0 25
3 1/4 ".....	" " 25	" " 30
4 ".....	" " 30	" " 35
4 1/4 ".....	" " 35	" " 40
5 ".....	" " 50	" " 60
5 1/4 ".....	" " 60	" " 70
6 ".....	" " 70	" " 80

SIZE OF OPENING	Gold	Electro-Plated	
	Bronzed	Nickel	Copper, Bronze or Brass
3 in.....	each, 0 30	each, 0 40	each, 0 45
3 1/4 ".....	" " 35	" " 50	" " 55
4 ".....	" " 40	" " 60	" " 70
4 1/4 ".....	" " 50	" " 75	" " 85
5 ".....	" " 70	" " 90	" " 1 10
5 1/4 ".....	" " 80	" " 1 10	" " 1 25
6 ".....	" " 90	" " 1 25	" " 1 50



Morning-Glory Coal Hods.



New Style.

No. 45.	15 inches,	galvanized,	per dozen...	\$10 00
No. 46.	16	"	"	11 00
No. 47.	17	"	"	12 00
No. 48.	18	"	"	13 50
No. 55.	15	"	lapped,	7 00
No. 56.	16	"	"	7 50
No. 57.	17	"	"	8 00
No. 58.	18	"	"	9 00

Discount.....per cent.

Patent Pressed Corrugated Bottom.



Square Mouth.

No. 4.	14 inches,	galvanized,	per dozen...	\$ 7 00
No. 5.	15	"	"	7 50
No. 6.	16	"	"	8 00
No. 7.	17	"	"	8 50
No. 8.	18	"	"	10 00
No. 9.	19	"	"	12 50
No. 14.	14	"	lapped	5 00
No. 15.	15	"	"	5 50
No. 16.	16	"	"	6 00
No. 17.	17	"	"	6 50
No. 18.	18	"	"	7 00
No. 19.	19	"	"	8 50

Discount.....per cent.



Galvanized Water Buckets.

Small, 2 gallons,	per dozen.....	\$ 6 50
Medium, 3 gallons,	per dozen.....	7 00
Large, 4 gallons,	per dozen.....	9 00
Medium, with lips,	per dozen.....	9 00
Large, with lips,	per dozen.....	13 00

Discount.....per cent.



Galvanized Chamber Pails.

No.	Per dozen.....	Plain.	Striped.
No. 1.	\$ 2 75	\$ 3 75
No. 2.	9 50	10 50
No. 3.	11 00	12 00

Discount.....per cent.

2818



Height, 6 feet. \$35.09



946

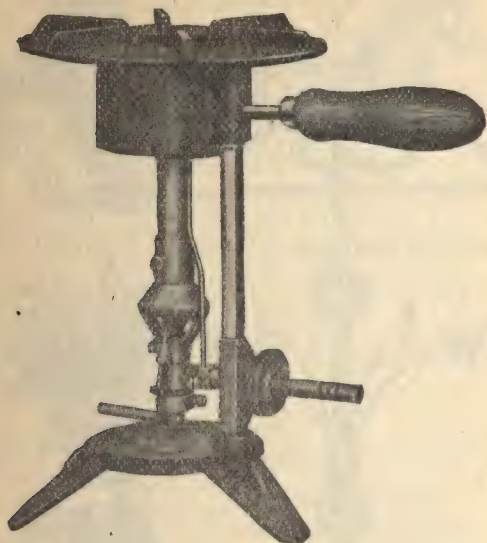
High 12 in 2.256

2817



Height, 5 feet.
Base 16 inches
\$17.50.

We make all kinds of Finials
to order from your own designs—
See stock designs on Pages 54 to 73.



No. 2

Adjustable Bunsen

Height $9\frac{1}{2}$ in Base 6 in.

Weight 5 lbs.

A powerful blow torch indispensable for general shop use. $2,200^{\circ}$ hot blast at a touch. Gas consumption 10 ft. per hour.

Price \$5.00

THE REASONS WHY.

The theory underlying perfect combustion is that one volume of gas to so many volumes of oxygen dependent upon pressure and quality of gas will produce complete combustion. In actual practice one meets varying conditions of pressure and quality of gas, hence the necessity of a Bunsen with an adjustable orifice. The most common device is the needle valve, but to adjust this the point must enter the orifice, thus decreasing the velocity of the jet and also changing its shape and alignment, which we have proven is directly opposed to correct principles.

The Berger Regulator obtains and maintains the highest possible velocity at the nozzle, directing the jet in correct alignment with the Bunsen, and is instantly adjustable to any given quality or pressure of gas, without departing from the direct jet principle. We cannot improve the quality of gas or dispense with main pressure, but we do produce 100% efficiency from any gas and pressure, giving such perfect combustion that we show results not heretofore obtained, both in economy and efficiency.

The Berger Direct Jet Bunsens give instantly a hot blast ranging from 1,900° to 2,250°, dependent on quality of gas and pressure, 2½" pressure being sufficient. Gas cocks should have not less than ¼" opening to get proper pressure. Berger Appliances are covered by United States and foreign patents.



No. 4



No. 5



No. 6

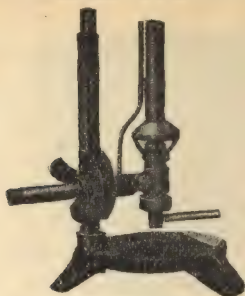
- No. 4. **BERGER** Students' Bunsen, with Pilot Light.
Height, $6\frac{1}{4}$ in. Base, 7 in.
Gas Consumption, 5 ft. per hour. \$2.00

- No. 5. **BERGER** Standard Bunsen—with Pilot Light
and shut off valve.
Length, 7 in.
Threaded to connect on $\frac{1}{8}$ in. iron pipe.
Consumption, 10 ft. per hour. \$3.00

- No. 6. Bunsen as on No. 3. Handy with Pilot
Light and shut off valve.
Length, 5 in.
Gas Consumption, 5 ft. per hour.
Threaded for $\frac{1}{8}$ in. iron pipe. \$2.50

- No. 7. Bunsen as No. 5, without valve or Pilot.
Fitted for $\frac{1}{4}$ in. pipe size. \$2.00

We have cores fitted to use from 3 to 30 Bunsens.

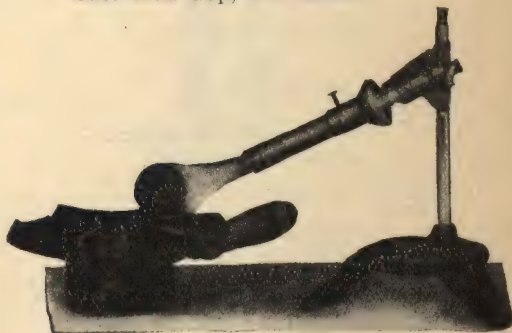


**Handy
Bunsen
No. 3**

Height 7 in.
Consumes 5 ft.
Gas per hour.

Price \$4.00.

Cast Iron Top, 50c extra.



Bunsens Nos. 2, 3 and 8 are adjustable up, -down or at angle. Removed from stand and attached to rubber tube, can be used as hand torch. Cut shows Cast Iron top removed to hold object for torch.

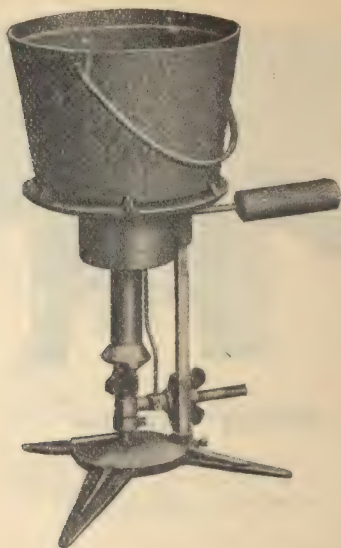
No. 8 is designed for Plumbers and others as a substitute for the slow and troublesome gasoline torch. Nothing to wear out and 2,000° hot blast at a touch.

A 20 lb. ladle of solder can be brought to working heat in less than 10 minutes at cost of less than $\frac{1}{2}$ cent using \$1 Gas.

No. 8 will melt Solder, Babbitt, Lead, Zinc or Tin.

No. 8 will do light brazing, tempering, case-hardening, tool dressing, light forging, etc.

No. 8 is indispensable for Plumbers, Tin, Lock and Gun Smiths, Machinists, Pattern Makers, Electrotypers, Metal Workers, Dentists and others.



No. 8
Adjustable Torch

With Removable
Iron Top and Shield.

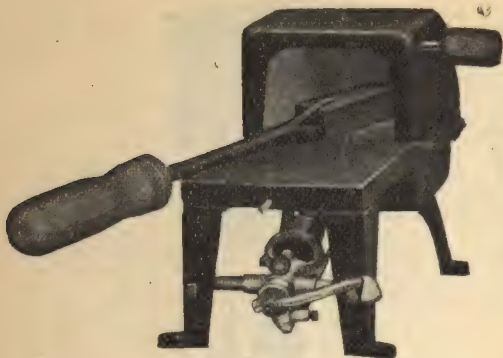
Height 14 in. Base 10 in.

Weight 9½ lbs.

Holds Melting Pots up to 6 in. O. D.

Gas Consumption, 20 to 25 ft. per hour.

Price \$6.00



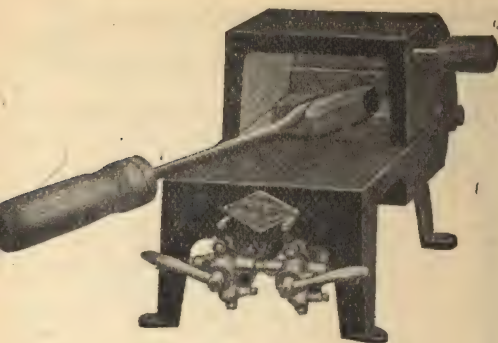
Berger Furnace No. 1

Length 12 in., Weight 12 lbs.

Fire Pot opening $3\frac{1}{2} \times 2\frac{1}{2}$.

A powerful hot blast without the need of a blower. Consumes 10 feet of gas per hour. Thousands now in daily use; approximately 2000° of heat instantly.

Price \$7.50



No. 101 Furnace

Length 14 in. ; Weight 18 lbs.

Opening $4\frac{1}{2} \times 2\frac{3}{4}$ in.

Most powerful atmospheric Gas Furnace yet produced. Fire pot super-heated with two Bunsens which can be used independently. Heats the irons, not the workman. Consumes 10 to 20 feet of gas per hour.

Price \$10.00



GALVANIZED BOAT PUMPS

1½	inch	55	cents	lineal	feet
2	"	60	"	"	"
2½	"	65	"	"	"
3	"	70	"	"	"
3½	"	75	"	"	"
4	"	80	"	"	"
5	"	\$1.20	"	"	"

Pumps shorter than 5 feet
charged as 5 feet.

If it has ever been your misfortune to be in a boat, a half mile from shore, with a hole the size of a base-ball, encouraging the water to enter, you certainly know how to appreciate a good rapid pump.

In such a case as this, the best advice is, get a new boat; the next best is to get a good pump.

It isn't only the water coming up into the craft from below, but it's the rain coming down from above that help to make things disagreeable. And one can't make much progress with a scoop the size of a thimble.

We can't supply the boat, but we're there with the pump. It isn't always boats that need water drawn from them; the pump shown will be useful in many cases. And we know of no type of pump for so low a price that will stand a show alongside of this one when it comes to drawing water.



FLAT AND ROUND HEAD STOVE BOLTS

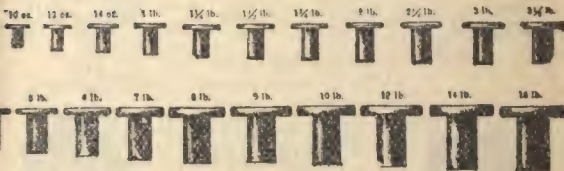
List Price per Hundred.



Length	5-32 3-16	1-4	Length	5-32 3-16	1-4
$\frac{3}{8}$ in.	\$.85	\$1.20	$2\frac{1}{4}$ in.	\$1.25	\$1.70
$\frac{1}{2}$ "	.85	1.20	$2\frac{1}{2}$ "	1.30	1.80
$\frac{5}{8}$ "	.85	1.20	$2\frac{3}{4}$ "	1.40	1.90
$\frac{3}{4}$ "	.85	1.20	3 "	1.50	2.00
$\frac{7}{8}$ "	.90	1.25	$3\frac{1}{4}$ "	1.60	2.10
1 "	.90	1.30	$3\frac{1}{2}$ "	1.70	2.20
$1\frac{1}{8}$ "	.95	1.35	$3\frac{3}{4}$ "	1.80	2.30
$1\frac{1}{4}$ "	1.00	1.40	4 "	1.90	2.40
$1\frac{3}{8}$ "	1.05	1.45	$4\frac{1}{4}$ "	2.00	2.50
$1\frac{1}{2}$ "	1.10	1.50	$4\frac{1}{2}$ "	2.10	2.60
$1\frac{3}{4}$ "	1.15	1.55	$4\frac{3}{4}$ "	2.20	2.70
2 "	1.20	1.60			

Flat-Head Iron Rivets.

Best Norway Iron.



Per 1000.

Size, oz.	8	10	12	14	1 lb.	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$
Black....	\$ 22	\$ 24	\$ 26	\$ 28	\$ 29	\$ 32	\$ 37	\$ 41	\$ 44	\$ 56
Tinned	31	35	39	43	47	54	64	72	79	1.00
Size, lb.	3	$3\frac{1}{2}$	4	5	6	7	8	9	10	12
Black....	\$ 62	\$ 72	\$ 79	\$1.00	\$1.12	\$1.31	\$1.50	\$1.68	\$1.77	\$2.06
Tinned	1.15	1.34	1.49	1.88	2.17	2.54	2.90	3.26	3.52	4.16



Bright
Annealed
Coppered
Tinned
Galvanized

Wire

In Bundles of 63
Pounds Each.

Bright, Annealed and Coppered.

Nos.....	0—9	10—11	12	13—14	15—16	
Per pound.....	10	11	11½	12¼	14	
Nos.....	17	18	19	20	21	22
Per pound..	15	16	19	20	21	23

Discount } Bright and Annealed.....
 } Coppered

Galvanized Wire.

Nos.....	0—9	10—11	12	13—14	15—16	17	18
Per pound..	10	11	11½	12¼	14	15	16

Discount.....

Tinned Wire.

Nos.....	0—9	10—10	12—13—14	15—16	17	18
Per pound.	15	16	17	17¼	18	18¾

Discount.....



∴Rosin∴
and
Charcoal.



Price according to quantity.

Price, per bag, \$



Berger's Star Bucket Ears.

Patented.

		Price, per Gross.					
Nos.	1	2	3	4	5	6	7
Tinned	\$.45	\$.60	\$.75	\$ 1.00	\$ 1.30	\$ 1.60	\$ 2.15

In Gross Boxes.



Star Milk Pan Ears.

Beveled for Flaring Pans.

Patented.

		Price, per Gross.					
Nos.	1	2	3	4	5	6	7
Tinned	\$.45	\$.60	\$.75	\$ 1.00	\$ 1.30	\$ 1.60	\$ 2.15

In Gross Boxes.



Butter Kettle Ears.

Patented.

		Price, per Gross.	
Nos.	1	2	3
Tinned	\$.50	\$.70	

In Gross Boxes.



Oven Turnbuckles.

Tinned, per gross, \$1.40



Tinnners' Rings with Clips

Per Gross.

No.	1	2	3	4	5	6
Coppered	\$.07	.08	.10	.11 1/2	.13 1/2	.16
Tinned	\$.08	.09	.11	.13 1/2	.15 1/2	.21

No. 3, 3/4 in.



Fancy Toilet Handles.

3 inch, Tinned, Per Doz. \$30.00 Gross \$32.00

Lid Handles



	TINNED	Per Doz.	Gross
3 inch.....		\$.30	\$3.25
3½ inch.....		.42	4.50
4 inch.....		50	5.50



Fluted Lid Handles

	TINNED	Per Doz.	Gross
3½ inch.....		\$1.15	\$12.25
4 inch.....		1.50	16.00



Flat Lid Handles

	TINNED	Per Doz.	Gross
3 inch.....		\$.72	\$7.65
4 inch.....		1.56	17.00



Oval Lid Handles

	TINNED	Per Doz.	Gross
4 inch.....		\$1.30	\$13.80



Ash Can Handles

	Per Doz.	Gross
3½ inch, Tinned.....	\$.87	\$ 9.50
4 inch, Tinned.....	1.08	11.75



Dish Pan Handles

Inches.....	2	3
Per gross, Tinned.....	\$2.25	\$2.85

OTHER SIZES MADE TO ORDER



Heavy Dish Pan Handles

	Per Doz.	Gross
3½ inch, Tinned.....	\$.55	\$6.00

WE ALSO MAKE THIS HANDLE WITH FOUR HOLES

Lard Can Drop Handles

WITH CLIPS

	TINNED	Per Doz.	Gross
3 inch.....		\$4.55	\$6.00
3½ inch.....		.60	6.60
4 inch.....		.80	8.85



Guard Drop Handles

WITH CLIPS

	TINNED	Per Doz.	Gross
3½ inch.....		\$1.23	\$14.00
4 inch.....		1.65	18.00



Milk Can Drop Handles

WITH CLIPS

	TINNED	Per Doz.	Gross
3½ inch.....		\$1.15	\$12.50

Square Top Clip, same price.



Milk Can Handles

WITH CLIPS

	TINNED	Per Doz.	Gross
3½ inch.....		\$1.30	\$14.10
4 inch.....		1.68	18.25
HANDLES ONLY			
3½ inch.....		\$.88	\$9.60
4 inch.....		1.26	13.75



Bread-Pan Handles

TINNED

	Per Doz.	Gross
3 inch.....	\$.26	\$2.85
3½ inch.....	.50	5.40



Discount.....Per Cent.

Coppered Grooved Boiler Handles

Gray Iron, Coppered, 2½, 3, 3½,
4 inches

Price, per pound.....\$

Also furnished in malleable iron

	TINNED	Per Doz.	Gross
3 inch.....		\$.48	\$5.25
3½ inch.....		.62	6.75

Discount.....Per Cent.



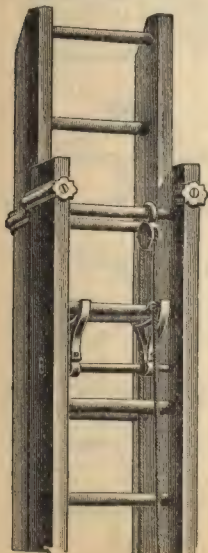
ALSO MANY OTHER STYLES OF HANDLES OF WHICH WE HAVE OUR OWN PATTERNS
AND MAKE TO ORDER

BE CAREFUL!

By Jiminies! you can't be too careful these days. On the street, if one's eyes are not open, the ambulance often gets a call. And it very often happens that it's the other fellow's fault. But when you deliberately go up a none too sturdy ladder and something happens—then that's YOUR fault.

Follow out some of these "Perfection" points and see if you don't agree with us that this ladder possesses the necessary degree of difference.

In the first place, the rope and fixtures don't tangle you up and hinder your progress. This feature makes a noise like safety—and the well seasoned spruce sidings and hickory rungs add a lot more.



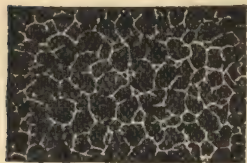
To operate the ladder, an endless rope is used, and this may be changed to either side. This rope is quick-detachable, and the ladder can be used single whenever and wherever you desire.

There is no complicated machinery to get out of order and provoke you just at the time you are least in the humor.

The dimensions of the sides are $1\frac{1}{4}$ x 3 inches, the rungs, $1\frac{1}{8}$ in., with a rise of 12 ins. The extreme width is 18 inches. Length, 20, 24, 30, 36 and 40 feet.

This ladder operates easily, quick and surely. Let us have your order for one of these. 24 cents a foot.

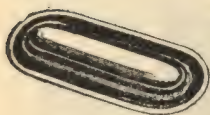
**GOOD
EXTENSION LADDERS**



Metallic Bottoms.

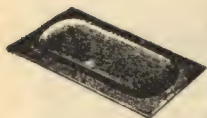
Size.	.....for No. 7 Boiler.
11 x 21.....	" " 8
12 x 24.....	" " 9
13 x 26.....	" " 10

Price, per pound, \$.....



Oval Rimmed Boiler Covers.

Nos.....	7	8	9
Ins.....	10x19 1/4	11 1/4x21 3/4	12 3/4x23 1/4
Per Doz.	\$1 00	\$1 10	\$1 20



Flat Edge Boiler Covers.

Sizes....	6	7	8	9
Nos.....	06	07	08	09
Ins.....	9 1/4x18 1/4	10 1/4x20 1/4	12 1/4x22 1/4	13 1/4x24 1/4
Per. Doz.	\$ 60	\$ 75	\$ 90	\$1 00



Wash Boilers.

That are Made Good and
Strong in Every Way.

Numbers.....	7	8	9
1. C. with Metallic Buttons, per dozen	\$6 10	\$6 50	\$7 20
1. C. " Copper " "	8 15	9 25	10 35
1. X: " Metallic " "	7 45	7 87	9 00
1. X. " Copper " "	9 50	11 00	12 00

Plastering Wire.

Sizes—12, 14, 16, 18, 20 ins.

Price, per foot.....\$

Sheet Zinc.

Sizes—24, 26, 28, 30, 36, 40, 48, 52 ins.

Price, per pound.....\$

**Sheet
Metal
Lath.****McGuire's Star Thimble.**

5 inch, 6 to 12 inch extension, per dozen.....\$11 00

6 inch, 6 to 12 inch extension, per dozen..... 12 00

7 inch, 6 to 12 inch extension, per dozen..... 14 00

8 inch, 6 to 12 inch extension, per dozen..... 16 00

Discount.....per cent

**Royal Stove-Pipe
Collars.**

Patented July 10, 1887, and April 9, 1890.

Size.....	4	4½	5	5½	6	7	8
Measure } Outside	7¾	7½	8¼	8½	9¼	10¼	11¾
Price, per dozen.	\$.25	.28	.30	.35	.40	.60	.80



RADIUM STOVE & IRON ENAMEL HAS NO EQUAL

A Superior JET BLACK ENAMEL for all
METAL or WOOD SURFACES

Especially for use on
GAS STOVES, GRATES, RANGES,
STOVE PIPE, IRON FENCES, &c., &c.

Will Keep Iron From Rusting.

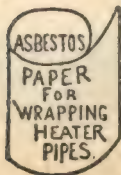
Price, \$1.50 per Dozen



Black Jack Paste.

Packed 3
dozen cans in
a case. Price,
75 cents per
dozen, net.

8 pound cans, net.....\$ 40
do do do 10



Asbestos Paper.

For Wrapping Heater Pipes.

36 inches wide.

Small Lots, per pound, net.....



Certain-teed
ROOFING
CERTAIN-TEED LABEL OF QUALITY

The Standard Roofing Company, Inc. is the only one in the world that makes roofing material that is guaranteed to last 15 years. This is because of the way the material is made. It is made of the best materials and is made in the best way. It is made in the best way. It is made in the best way.

GUARANTEED

Guaranteed 15 Years

The Standard Roofing Company, Inc. is the only one in the world that makes roofing material that is guaranteed to last 15 years. This is because of the way the material is made. It is made of the best materials and is made in the best way. It is made in the best way. It is made in the best way.





There is no true test of roofing but the test on the roof.

Certain-teed Roofing

is guaranteed for 5, 10 and 15 years—it will last longer.

The Certain-teed saturation process giving a soft centre and hard protecting surface is the factor that defeats the great enemy of all roofs—drying out. "Roofs don't wear out, they dry out."

The Certain-teed saturation mixture is mineral asphalt and asphalt oils—blended as is shown to be best from an experience of a quarter of a century—and dries out very slowly indeed. That's why the Certain-teed, 15-year guarantee stands with the three biggest roofing mills in the world behind it.

1 Ply 5 years

2 Ply 10 years

3 Ply 15 years



Major Roofing—(Standard Quality)

This is a standard grade—as good as most manufacturers' first grade. No cheap, low grade asphalts or felt stocks, like straw or paper, are used in its manufacture. It is a high grade standard product and its quality is guaranteed.

Buy
Good Roofing
and you will
Never Regret It!



Dripping Pan Handles.

PER GROSS.

Coppered
With Clips. Without
Clips.

No. 7, 1 1/4 x 2 1/4	\$ 50	\$ 25
No. 8, 1 1/2 x 2 1/2	60	30
No. 9, 1 3/4 x 3	65	35
No. 10, 1 3/4 x 3 1/2	70	40
No. 11, 1 3/4 x 4	75	45
Tinned.		
No. 7, 1 1/4 x 2 1/4	\$ 60	\$ 37
No. 8, 1 1/2 x 2 1/2	70	42
No. 9, 1 3/4 x 3	75	46
No. 10, 1 3/4 x 3 1/2	85	50
No. 11, 1 3/4 x 4	90	54

Enameled Tea-Pot Knobs.



Nos. 3-26.



No. 25



Nos. 51-53.



No. 28.

Any size or style 60 cents per gross, net.



Porcelain Knobs.

1/4 inch, per gross,.....	\$ 70
1 " " " "	80



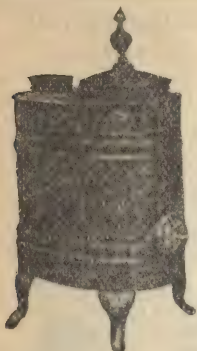
Enameled Pail Woods.

Inches.....	3	3 1/2	4
Per gross.....	\$ 70	70	1 00



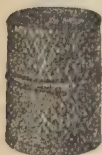
Brass Strainer Cloth.

Full Roll, 5 square feet.....	\$ 90
Small quantities, per foot.....	20



AIR TIGHT SHEET IRON WOOD STOVES

27 inch	.	\$1.75
25 inch	.	2.25



Galvanized Ash Cans

14 x 19 inches	.	.	.	\$1.75
15 x 26 "	.	.	.	2.00
18 x 26 "	.	.	.	2.50
20 x 26 "	.	.	.	2.75



Galvanized Waste Cans

with spring lids
also feet.

No. 1	.	11 1/2 x 15 inches	.	\$1.50
No. 2	.	12 x 18 "	.	1.75
No. 3	.	14 x 22 "	.	2.25



Zinc Roses or Sprinkle Heads.

No. 0.	Per Dozen, 2 1/4 inch.....	\$ 45
No 1.	" 3 "	30
No 2.	" 3 1/4 "	60
No 3.	" 4 "	70
No 4.	" 4 1/4 "	80



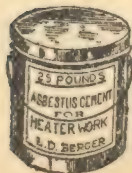
Pure Putty.

Put up in twenty-five pound cans of selected stock, at 63 cents a can, net.



Roofing Cement.

1 pound cans, per pound.....	\$ 10
2 " " "	08
5 " " "	06
10 " " "	06
25 " " "	06
80 " " "	04
160 " " "	04



Asbestos Cement.

1 pound can, per pound	\$ 10
2 " " "	08
5 " " "	06
10 " " "	06
25 " " "	05 1/2

Valves and Plungers.



Pump Valves.

	Per doz.
2½ inch	\$2.00
3 " "	2 25
3½ " "	2 76
4 " "	3 25

Discount.....per cent.



Double Clapper Valves.

	Per doz.
4 inch	\$3 75
4½ " "	5 00
5 " "	6 00
5½ " "	7 00
6 " "	8 50

Discount.....per cent.



Oil Valves and Plungers.

	Per doz. pairs.
1 inch	\$1 50
1½ " "	1 50
1½ " "	1 75
1¾ " "	2 00
2 " "	2 25

Discount.....per cent.



Improved Plungers.

	Per doz.
2½ inch	\$1 50
3 " "	2 00
3½ " "	2 50
4 " "	2 75

Discount.....per cent.

Leather Plungers for Boat Pumps.

	Per doz.
2 inch	\$1 30
2½ " "	1 65
3 " "	2 00
3½ " "	2 40
4 " "	2 80
4½ " "	3 75
5 " "	4 50
5½ " "	5 00
6 " "	6 75

Discount.....per cent.



Leather Plunger. Improved Plunger.

All Sizes Always in Stock.

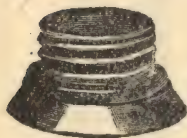
In making these, we use the very best materials only, and they are as near perfect as is possible to make them. The rubber used is of the purest and best quality, and the leather is of the best grade.

Zinc Fruit and Milk Can Screws.



Price List.

	Per Gross
Diameter, 2½ inch.....	\$9 75
" 3 ".....	10 00
" 3½ ".....	11 00
" 4 ".....	12 00
" 4½ ".....	18 00
" 5 ".....	25 00
" 6 ".....	33 00



Zinc Can Screws.

	Per Gross
½ inch	\$4 00
¾ "	4 50
1 "	6 00
1¼ "	8 00
1½ "	12 00
2 "	20 00

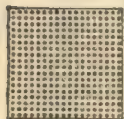


Crystal Flue Stoppers.

Put up in boxes of one dozen each.

Price, per Dozen,

Diameter, 8½ inches.....\$1 00



Perforated Tin.

14 x 20

No. 1. per doz.....	\$1 50	Sheets.....	15
No. 2. "	1 50	"	15
No. 3. "	1 50	"	15
No. 4. "	1 50	"	15

Soldering Fluid.

Quart Bottle 45 cents each

Perfection Extension Ladder.

Patented July, 1896.

Some Reasons Why This Ladder is "Perfection"



One endless rope operates it.

Rope can be changed to either side.

No rope or fixtures in the way.

Rope can be instantly detached for disconnection of ladders.

No complicated parts to get out of order.

Easy and absolutely sure in operation.

The catch irons have unlimited strength and durability.

Can be used as single ladders when desired.

Dimensions :

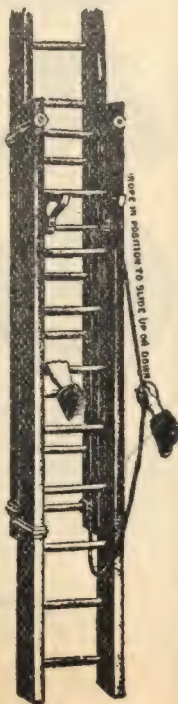
Sides, $1\frac{1}{4} \times 3\frac{3}{4}$ inches.

Rungs, $1\frac{1}{2}$ inch ; rise, 12 inches.

Extreme width, 18 inches.

Special width to order, 21 inches.

Length, 20, 24, 30, 36 and 40 feet.



Danzer's Folding Roof Ladder



Just the thing for Tanners, Slaters, Painters, Repairmen, Etc. The most convenient ladder ever made for Roofers. A 20-foot ladder folds as shown, to a size $8\frac{1}{2} \times 14 \times 14$ inches, and weighs $1\frac{1}{2}$ pounds to the foot. Made of steel with hard wood cross pieces. Can be shortened to any length. Made in any length from 16 feet up in even feet. Price, 25 cents per foot.

BLAST GATES



The bodies of these Blast Gates are carefully adjusted to a nice sliding fit and provided with slides, which render them practically air tight. The lever pattern, when operated by cord, is convenient for inaccessible locations. Size given is outside diameter of collars where pipe slips on. Prices are the same for both slide and lever patterns.

SIZE	PRICE	SIZE	PRICE	SIZE	PRICE
1 1/2 inch	\$.90	6 inch	\$2.75	15 inch	\$10.00
2 inch	1.00	7 inch	3.10	16 inch	12.00
2 1/2 inch	1.10	8 inch	3.50	18 inch	15.00
3 inch	1.20	9 inch	4.00	20 inch	18.00
3 1/2 inch	1.35	10 inch	4.50	24 inch	20.00
4 inch	1.50	12 inch	6.00	30 inch	25.00
5 inch	2.00	14 inch	8.00		

Acme Cut-Off.



The strongest and best Water Cut-Off ever placed on the market. Can be used for both Corrugated and Plain pipe.

	Per Dozen.	Tin.	Galv.
2 inch	\$ 5 00		\$ 7 00
2½ "	5 00		7 00
3 "	6 00		8 00
3½ "	8 00		9 50
4 "	9 00		11 00
5 "	14 00		20 00
6 "	20 00		24 00

TWISTED WIRE HOOKS



Size	Price per 100
2 in. . .	\$1.75
2½ " . .	2.00
3 " . .	2.75
4 " . .	4.25
5 " . .	6.00

DISCOUNT
.....per cent.



SALAMONIAK.

It's just like a cake of soap, and is the best thing you can get for cleaning soldering coppers. It's only

Ten cents a Cake.

SOLDER

We handle three grades and take great care that each grade is always up to its proper standard.

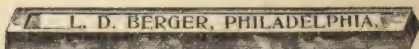
Prices are revised daily to the latest metal quotations.



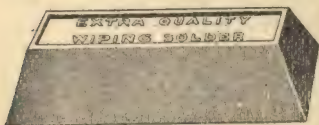
This grade is a regular **Commercial Half and Half** and will answer all ordinary requirements.



L. D. B. WARRANTED Half and Half and a very popular brand. Sells on its merits.



L. D. B. Solder is our finest brand and is guaranteed better than Half and Half. Will answer all requirements.



PLUMBERS' EXTRA WIPING IN CAKES

A truly superior solder for plumbers' use. Made entirely of new metals. It is second to none for this class of work.

BABBITT METALS

WIRE

Wire Solder in all grades supplied from No. 3 to No. 16 Stubbs' gauge inclusive on regular 100 lb. reels. Reels, 25c. extra.

SOLDERING COPPERS



Best Riveted Handles.

Sizes—1, 1 1/2, 2, 3, 4, 5, 6, 8, 10, 12 and 16 pounds per pair.

MEN AND MACHINES

Some men think that they are saving money every time they don't spend a nickel. They think that every dollar that they refrain from spending is a dollar saved.

It sounds plausible, and it is sometimes correct; but it isn't always true.

For instance, there are some men who think that by walking several miles they can save a nickel. Now, if such a man is walking to business, he has lost a great deal more than that sum in the extra time he has consumed. And if his few morning hours aren't worth more than a nickel to him, he'd better stay home and lie in bed, for then he'll at least get some rest—and rest ought to be worth a nickel to him if work isn't.

Then there are other men who would not pay \$3.50 for an article they can resell for \$5. They figure that by turning down the salesman they have saved three dollars and fifty cents; on the other hand, the correct way to figure is that they have lost just one dollar and a half.

There are other men right in our trade who put off buying machines they know should be in their shops, and they figure that so long as they put off buying, they are saving the cost of the necessary machines. As a matter of fact, they are losing money hand over fist. They are not turning out the work that should come forth from their shops. They are shooting out too small a quantity and too punk a quality. Machines would remedy the trouble; help them to make more money and give them a better reputation.

And the moral is: Oh, well, you know what it is, anyhow.

L. D. BERGER.

Machine-Made Steel Letters and Figures

For Stamping Soft Metals, such as Brass, Lead, Zinc; also for Wood and Leather

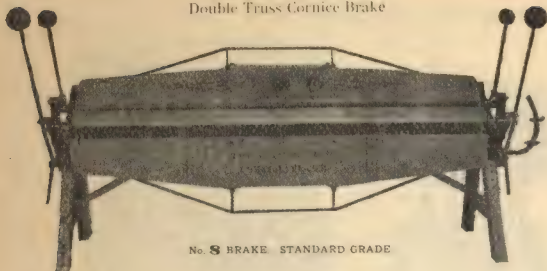


In outline, these Figures and Letters are equal to any made by hand, simply because thousands of them—exact duplicates—are made from one original, or pattern, upon which as much work is put as upon ten ordinary figures or letters. All these figures and letters are made upon the best cast steel, carefully hardened and tempered; but, of course, have not the strength and durability of our Hand-Made Letters and Figures, but for leather, wood, soft metals, etc., will give satisfaction. We can only furnish these letters and figures in sizes given in prices below. Name or business stamps cannot be made by this method.

PRICE LIST

SIZE	Figures Per set of 9	Letters Per set of 27	SIZE	Figures Per set of 9	Letters Per set of 27
1-32 inch	\$1.25	\$3.75	5-32 inch	\$1.13	\$3.39
1-20 inch	1.13	3.39	3-16 inch	1.25	3.75
1-16 inch	.90	2.70	1-4 inch	1.50	4.50
1-12 inch	.90	2.70	5-16 inch	1.75	5.25
3-32 inch	.90	2.70	3-8 inch	2.50	7.50
1-10 inch	.90	2.70	7-16 inch	3.50	10.50
1-8 inch	.90	2.70	1-2 inch	4.50	13.50

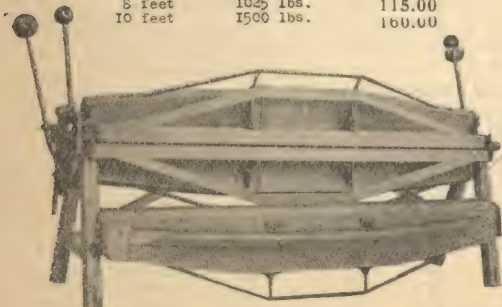
The "Latest Improved"
Double Truss Cornice Brake



No. 8 BRAKE STANDARD GRADE

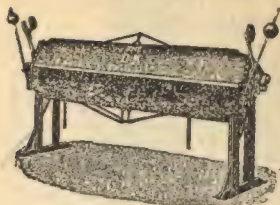
WILL FORM NO. 22 GAUGE FULL LENGTH-

SIZE	SHIPPING WEIGHT	PRICE
3 feet	325 lbs.	\$40.00
4 feet	375 lbs.	50.00
5 feet	700 lbs.	65.00
6 feet	750 lbs.	85.00
8 feet	1025 lbs.	115.00
10 feet	1500 lbs.	160.00

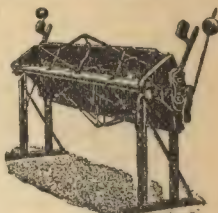


REAR VIEW OF 8-FOOT BRAKE AND REAR VIEW OF FRONT LEAF DETACHED AND
PLACED BEHIND MACHINE.

STEEL CORNICE BRAKES



FRONT VIEW.



REAR VIEW

The No. 3 Steel Cornice Brake

8 foot 1 inch long on forming edge. Will form $\frac{3}{4}$ inch edge on 16 gauge. Part of apron edge can be removed to form $\frac{1}{4}$ inch members on 24 gauge. An angle bar is provided to bolt on apron to form heavy material. Weight 1500 pounds.

PRICE, 5 FORMERS INCLUDED. \$155.00

The No. 4 Steel Cornice Brake

8 foot 1 inch long on forming edge. Will form $\frac{1}{4}$ inch edge on 26 gauge, $\frac{3}{8}$ inch edge on 22 gauge or $\frac{3}{4}$ inch edge on 18 gauge, full length of sheet. Apron edge $\frac{1}{4}$ inch, from which $\frac{1}{4}$ inch may be removed. An angle bar is bolted on apron for forming heavy material. Weight 1000 pounds.

PRICE, 5 FORMERS INCLUDED, \$110.00

The No. 5 Steel Cornice Brake

4 foot $\frac{1}{2}$ inch long on forming edge. Will form 1 inch edge on 14 gauge. Suitable for heavy work. Apron edge $\frac{1}{4}$ inch, with angle bar extension.

PRICE \$75.00

The No. 6 Steel Cornice Brake

4 foot $\frac{1}{2}$ inch on forming edge. Will form $\frac{1}{4}$ inch edge on 16 gauge, $\frac{1}{2}$ inch member on 24 gauge. Angle bar extension for forming heavy material.

PRICE, 5 FORMERS INCLUDED, \$60.00

CLAYTON & LAMBERT'S GASOLENE FIRE POTS

For Tanners, Galvanized Iron and Copper Workers,
Plumbers and Electricians

THE No. 1 FIRE POT



In the No. 1 we offer the trade the result of our long experience and determination **to make the best Fire Pot on earth.** It is light, strong and capable of bearing hard usage, and the flame is blue, free from smoke, and intensely hot. It is quick, clean, and will burn ten hours on half a gallon of gasolene, heating the heaviest irons in half of the time required by any other Fire Pot. The flame is so directed as to heat the coppers from heel to point, thus avoiding the common trouble of burning off the tinning. The burner,

being outside the hood, does not get clogged or eaten out by drippings. Each burner has clean-out plugs which make it easy to keep in order.

Shipping weight, 14 pounds each.

Price with Galvanized Iron Tank.....\$6.00 Net

THE No. 5 FIRE POT



The No. 5 Fire Pot is simple in construction and made of the very best material. A strong air pressure makes it a perfect blast furnace, producing a clear, blue flame, entirely devoid of smoke or dirt, and having an intensity of heat hardly credible. With it a jobbing pot of metal will be ready in four or five minutes for wiping joints. No wind is heavy enough to extinguish the flames. This Fire Pot is similar to the No. 1 in every way except that it is smaller. Shipping weight, 12 lbs. each.

Price with Galvanized Iron Tank.....\$4.50 Net

NO. 31 GASOLENE TORCH



Has no equal where intense heat is desired especially for work in the wind. It is well made. The tank holds one quart, and is fitted with our best pump. The burner is a powerful generator, producing a strong blast heat, consuming little gasolene.

We have carefully tested this torch, and are ready to say to any purchaser that it will be sure to please. Try one.

Net price each, polished brass.....\$3.75

CLAYTON & LAMBERT'S GASOLENE FIRE POTS



The No. 10 Coil Fire Pot is well and favorably known. The generator is powerful, producing a large volume of pure blue flame that is intensely hot, consuming less gasoline than other makes.

The tank is made of heavy galvanized iron, fitted with a galvanized cast iron bottom ring. All small or light castings are malleable iron or brass. The coil is made of extra heavy pipe and the burner of steel. The valves are fitted with needle points which give the user better control of the fire and are always tight.

Shipping weight, 13 lbs. each.

Price \$3.75 net.



FILLER PLUG.
16c-mail 18c

BURNER & SWIVEL

\$2.00 net. if by mail \$2.20



PUMP FOR FIRE POT
50c, if by mail 60c

PUMP COLLAR.
10c if by mail 12c



AIR VALVE.
25c, by mail 30c

FILLER SWIVEL.
25c, by mail 30c. by mail 55c.

REPAIRS

FOR

CLAYTON & LAMBERT'S GASOLENE FIRE POTS

You can easily make your old Fire Pots as good as new. Prices named are net.



SHEET-IRON FIRE POTS

Well made of No. 26 galvanized iron.

Height over all 12 1/2 inches.

Diameter of body 7 inches.

Double bottom in same.

Each \$1.50

NO. 3 GEM GASOLENE FIRE POTS



Smokeless!
Noiseless!
Odorless!

Weight, 15 lbs.

Price, Each

Gem, Galvanized Iron Reservoir	\$7.00
Gem, Brass Reservoir	8.00
Gem, Copper Reservoir	8.50

NEW BURNER, IMPROVED

GENERATOR AND DRIP

CUP AND ARCHED BOTTOM
IN RESERVOIR.

Crated, 22 lbs.

Plumbers' Malleable Iron Ladle

Double Lipped.



List Price per Dozen

Diameter of bowl, 3 inches.....	\$2.00
Diameter of bowl, 4 inches.....	3.25
Diameter of bowl, 5 inches.....	5.60
Diameter of bowl, 6 inches.....	7.25

Discount.....per cent.



Plumbers' Melting Pot

5 inch, each.....	\$0.60
6 inch, each .....	.95

Discount.....per cent.

HEATER MAN'S WRENCH



FOR STOVE BOLT THREADS $\frac{3}{16}$ " and $\frac{1}{4}$ "

FOR MACHINE THREADS $\frac{5}{16}$ "

This Wrench is designed as a handy pocket tool for general use of the Heater, Range, Sheet Metal Worker. The ends are milled for turning pipe. Tapped holes in the center are made to restore or clean threads on bolts that have become bruised or battered.

Particularly designed for $\frac{3}{16}$ " and $\frac{1}{4}$ " heater drum rods and brick flue damper rods.

The wrenches are drop-forged, hardened and polished on flat surfaces.

Length over all $5\frac{1}{2}$ ". Weight per dozen 6 lbs.

PRICE EACH 50c.

PRICE PER DOZ. \$5.50

POSTAGE PAID

FORGED STEEL PLIERS.



No. 20. Forged Steel, Box Joint, Flat or Round Nose.

Inches.....	4 1/2	5	6	7	8
Per dozen.....	\$4 50	5 00	6 00	8 50	12 50

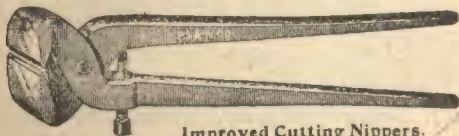
WING DIVIDERS.



Forged Steel, Polished.

Inches.....	6	7	8	9	10	12	15	18	24
Per dozen.....	\$5 30	6 50	7 50	9 00	10 00	12 00	18 00	25 00	36 00

CUTTING NIPPERS.



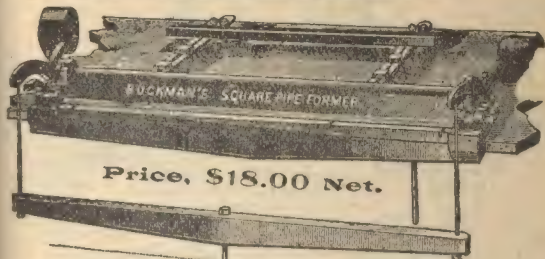
Improved Cutting Nippers.

The jaws of these Nippers are made from best Cast Steel and each Nipper is tested by cutting steel wire before leaving the factory. After withstanding such a test they are considered perfect and are not warranted against breakage. The long handles give so great a leverage that they are liable to abuse by twisting and prying, and if any such breakage occurs it will be assumed it happens from unfair usage.

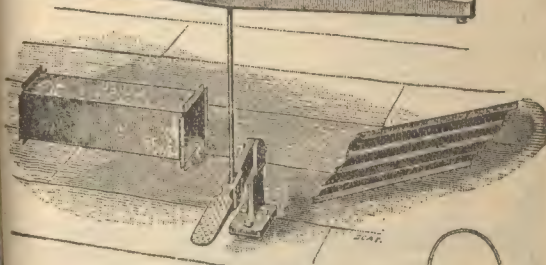
No. 0.	Very large and strong, 2 inch jaws, 14 inches long, each	\$3 75
No. 1.	Extra large size, 12 inches long.....	" 2 25
No. 2.	Large size, 11 inches long.....	" 2 00
No. 3.	Common size, 10 inches long.....	" 1 50
No. 4.	Small size, 8 inches long.....	" 1 40
No. 5.	Small size, 7 inches long.....	" 1 00

Square Pipe Former and Cornice Brake.

Will bend iron as heavy as No 24 gauge, 30 inches wide.



Price, \$18.00 Net.



Fixed Vise.

Parallel Bench Vises.

4 inch

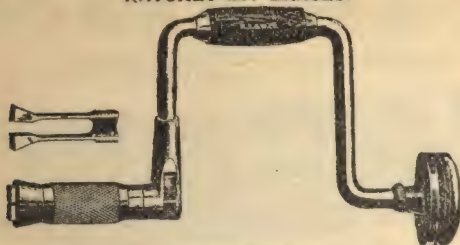
Length
of
jaws.

\$3.75



Galvanized Iron

RATCHET BIT BRACES.



Style of Nos. 1000 to 1001

Ball Bearing Head, Tempered Forged Steel Jaw.

COCOBOLO HEAD AND CENTRE.

We make a large and complete line of Ratchet and Plain Bit Braces, consisting of over fifty sizes and styles. Illustrations and prices of this entire line will be furnished upon application.

The No. 1000 series represented above is one of the most popular Braces on the market, and we unhesitatingly recommend it as high grade in every respect.

No. 1004.	6 inch, Nickel Plated Sweep.	per dozen.	\$37 50
No. 1003.	8 inch, Nickel Plated Sweep.	per dozen.	39 50
No. 1002	10 inch, Nickel Plated Sweep.	per dozen.	45 00
No. 1001	12 inch, Nickel Plated Sweep.	per dozen.	49 00
No. 1000	14 inch, Nickel Plated Sweep.	per dozen.	54 50



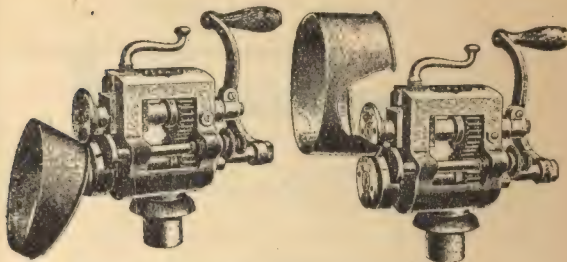
GEARED BREAST DRILL.

WITH ADJUSTABLE CHUCK AND FORGED STEEL JAW.

These Drills are finely finished and perfect in every part. They have Rosewood Handles and are fitted with our One Piece, Forged Steel Jaws, which hold equally well round and square shank bits.

No. 4.	Nickel Plated, Cut Gear, Extra Finish,	each,	\$4 50
No. 5.	Enameled, Extra Finish,	each,	3 50

COLUMBIAN ELBOW EDGING MACHINE.



Elbow Edging Machine.

The above cut shows the position of an elbow in turning the edge; also the form of crease made by the machine to enter the corresponding section in completing the elbow.

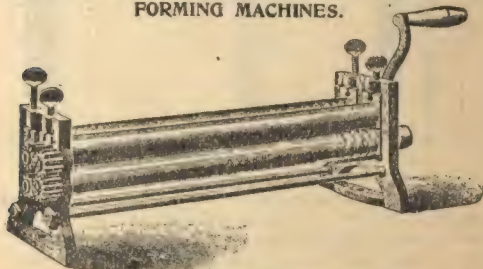
Elbow Edging Machine.

The above cut shows the position of the pipe or elbow in forming the head to receive the creased section, as shown in the illustration at the left.

In using this machine one-third of the time spent in putting elbows together can be saved by the operator. The rolls or faces are also sold separate from the machine, and can be used with and are readily adapted to either our Columbian or Encased Small Turning Machine.

Columbian Elbow Edging Machine, with Stand \$10 50
 Elbow Edging Rolls or Faces, separate from Machine per set (1 pair), 2 50

FORMING MACHINES.



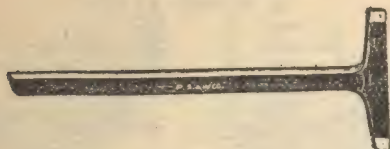
Patent Formers, with Compensating Gear.

The above cut represents our Patent Forming Machines, with compensating gear. Gears, to run smoothly, should mesh constantly to a certain depth, and the shape of the teeth must be accommodated to such depth. In our Patent Formers the cogs attached to gripping rolls do not articulate with each other, but into the gears, so hung that as the gripping rolls are moved the mesh of the gearing is unchanged, assuring uniformity of action and durability for the cogs; hence, whatever thickness of metal is used the gears run smoothly, without danger of slipping or breaking. The gears are machine cut.

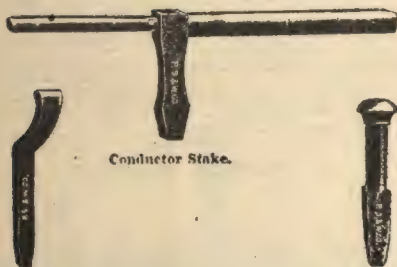
No. 11.	Patent Stove Pipe Former, 1½ in. Rolls, 30 in. long.	Weights 100 lbs. . .	\$10 00
No. 12.	Patent Stove Pipe Former, 2 in. Rolls, 80 in. long.	Weights 128 lbs.	20 00
No. 13.	Patent Stove Pipe Former, 2 in. Rolls, 87 in. long.	Weights 140 lbs.	26 00
No. 21.	Patent Tin Pipe Former, 1¼ in. Rolls, 16 in. long.	Weights 42 lbs.	10 00
No. 22.	Patent Tin Pipe Former, 1½ in. Rolls, 20 in. long.	Weights 68 lbs.	11 00

TINNERS' STAKES.

CAST IRON. WITH POLISHED FACES



Mandrel Stake.



Conductor Stake.

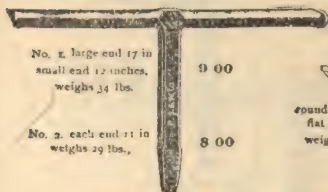
Bath Tub Stake.

Round Head Stake.

No. a.	Conductor, each end 14 inches, weighs 27 lbs.,	6 00
No. oo.	Mandrel, 5 feet long to the Standard, weighs 128 lbs.,	\$10 00
No. o.	Mandrel, 3 feet 4 inches long to the Standard, weighs 87 lbs.,	6 00
No. 1.	Mandrel, 2 feet 10 inches long to the Standard, weighs 44 lbs.,	5 00
No. 2.	Mandrel, 2 feet 6 inches long to the Standard, weighs 37 lbs.,	4 00
No. 3.	Mandrel, 2 feet 3 inches long to the Standard, weighs 31 lbs.,	3 00
No. 7.	Conductor, Turned, large end 15 in., small end 11½ in., long, weighs 35 lbs.,	4 00
No. 2.	Conductor, Turned, large end 14 in., small end 10 in., long, weighs 25 lbs.,	3 00
	Round Head, weighs 11 lbs.,	1 25
	Bath Tub, weighs 12 lbs.,	1 25

TINNERS' STAKES

WROUGHT IRON, WITH STEEL FACES



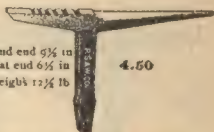
No. 1. large end 17 in
small end 12 inches,
weighs 34 lbs.

9 00

No. 2. each end 11 in
weighs 29 lbs.,

8 00

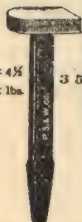
Double Seaming Stake.



round end 9½ in
flat end 6½ in
weighs 12½ lb

4.50

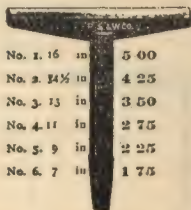
Creasing Stake, with Horn.



face 3½ x 4½
weighs 11 lbs.

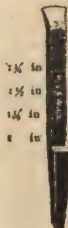
3 50

Coppersmiths' Square Stake.



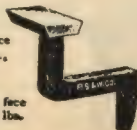
No. 1.	16 in	5 00
No. 2.	14½ in	4 25
No. 3.	13 in	3 50
No. 4.	11 in	2 75
No. 5.	9 in	2 25
No. 6.	7 in	1 75

Hatchet Stake.



1½ in	1 00
1½ in	80
1½ in	75
1 in	50

Bottom Stake.



No. 1. Bevel Edged Square, face
3 x 3 inches, weighs 15 lbs.,

6 00

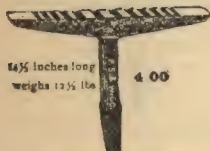
No. 2. Bevel Edged Square, face
3½ x 4½ inches, weighs 13 lbs.

5 00

Bevel Edge Square Stake.

TINNERS' STAKES.

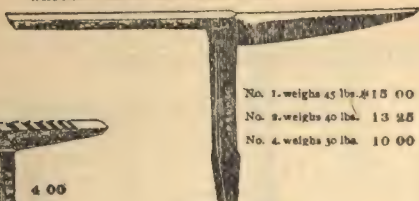
WROUGHT IRON, WITH STEEL FACE.



14½ inches long
weighs 12½ lbs

4 00

Creasing Stake.

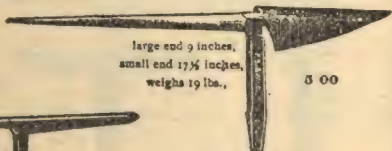


No. 1. weighs 45 lbs. \$15 00

No. 2. weighs 40 lbs. 13 25

No. 4. weighs 30 lbs. 10 00

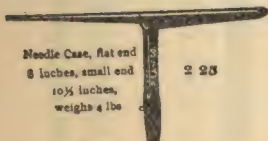
Beakhorn Stake.



large end 9 inches,
small end 17½ inches,
weighs 19 lbs.,

5 00

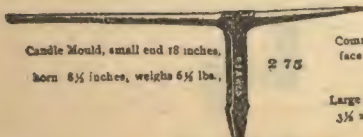
Blownhorn Stake.



Needle Case, flat end
8 inches, small end
10½ inches,
weighs 4 lbs

2 25

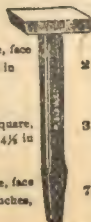
Needle Case Stake.



Candle Mould, small end 18 inches,
horn 8½ inches, weighs 6½ lbs.,

2 75

Candle Mould Stake.



Small Square, face
1½ x 2½ in

2 00

Common Square,
face 2½ x 4½ in

3 00

Large Square, face
3½ x 5½ inches,

7 00

Square Stake.

TINNERS' STAKES.

WROUGHT AND CAST IRON.



Tea Kettle Stake, with Four Steel Heads.



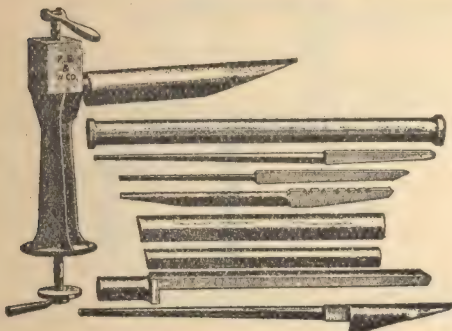
Hollow Mandrel Stake.



Double Seaming Stake, with Four Heads.

Tea Kettle Stake, Wrought, with 4 Steel Heads, weighs 45 lbs.,	815 75
Extra Steel Heads, for Tea Kettle Stake,	each 1 75
Double Seaming, with 4 Heads, weighs 85 lbs.,	9 00
Extra Heads for Double Seaming, with 4 Heads,	each, 1 50
Hollow Mandrel, 3 feet 4 inches entire length, weighs 45 lbs.,	5 50
Extra Hollow Mandrel, 4 feet entire length; Round Part, 11 1/4 inches diameter	
Flat Part, 15 inches wide; weighs 300 pound,	25 00

STOW'S STAKE HOLDER.



Universal Stake Holder and Stakes.

The illustration above represents our Improved Stake Holder and the different tools capable of being used with it.

This Holder enables the workman to use the Stakes shown, in any position best suited to the work in hand, without mutilating the bench.

One Stake may be substituted for another with ease.

It is convenient, solid, substantial, and will give satisfaction.

When ordering these Stakes other than in full sets, be careful to mention "for use in Stow's Stake Holder," to avoid confusion with our regular Stakes. The set is made up as follows:

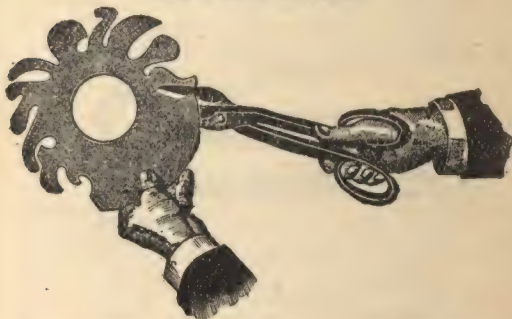
Stake Holder, only.....	\$ 4 50
Beakhorn for Stake Holder, two pieces..	11 00
Blowhorn for Stake Holder.....	3 75
Creasing and Horn for Stake Holder.....	3 50
Double Seaming No. 1 for Stake Holder.....	6 50
Conductor for Stake Holder, two pieces.....	4 00
Candle Mould, for Stake Holder.....	2 25
Needle Case for Stake Holder.....	1 75
Full set as above, complete, with Stake Holder. Weighs 139 lbs..	\$37 25

Extra Parts.

Large End for Beakhorn Stake.....	\$6 00
Small End for Beakhorn Stake.....	5 00
Flat End for Conductor Stake.....	2 25
Round End for Conductor Stake.....	1 75
Screw and Bolt for Stake Holder.....	50
Nut for Stake Holder.....	50

COMBINED SNIP AND PIPE CRIMPER.

- No. 2. Medium, without Crimper..... 2.75
 No. 2. Medium, with crimper..... 3.00

BUFFALO SNIPS.

- No. 17 Cuts, 4 in..... \$2.50
 No 18 Cuts, 3½ in..... 2.00
 No. 19 Cuts, 3 in..... 1.50

**T Reamers.**

Price..... 60 cts. each.

BENCH SHEARS.



No. 00.	Bench, cut 12 inches.....	each, \$13 50'
No. 0.	Bench, cut 10½ inches.....	each, 12 00
No. 1.	Bench, cut 9 inches.....	each, 8 00
No. 2.	Bench, cut 8½ inches.....	each, 7 00
No. 3.	Bench, cut 8¼ inches.....	each, 6 00
No. 4.	Bench, cut 8 inches.....	each, 5 00
No. 5.	Bench, cut 7 inches.....	each, 4 00
No. 6.	Bench, cut 6 inches.....	each, 3 50

TINNERS' HAND SHEARS OR SNIPS.



No. 06½.	Hand, cut 4½ inches, extra heavy, entire length 18 inches.....	\$4 50
No. 0½.	Hand, cut 4½ inches.....	3 00
No. 7.	Hand, cut 4 inches.....	2 50
No. 8.	Hand, cut 3½ inches.....	2 00
No. 9.	Hand, cut 3 inches.....	1 50
No. 10.	Hand, cut 2½ inches.....	1 40

CIRCULAR HAND SHEARS—"P. S. & W. CO."



No. 7.	Circular, Hand.....	\$3 50
No. 8.	Circular, Hand.....	3 00
No. 9.	Circular, Hand.....	2 50
No. 10.	Circular, Hand.....	2 25

THE "LYON" SHEAR



For Cutting Scrolls and Circles.

These Shears are especially adapted to cornice and tin work, and are made so as to easily cut circles, scrolls, etc. They are equally well adapted for the same class of work as the regular snips. The blades are rounding and very sharp pointed and can be used for the most delicate work. They are made of the best material; have forged handles and steel blades and are fully warranted.

- | | | | |
|----------|--|--------------------------|--------|
| No. 165. | Hand, cut 4 inches, entire length 15½ inches. | Weights 3 lbs.....each, | \$3 00 |
| No. 170. | Hand, cut 8½ inches, entire length 14 inches. | Weights 2¼ lbs.....each, | 2 50 |
| No. 180. | Hand, cut 8 inches, entire length 13 inches. | Weights 1¾ lbs.....each, | 2 00 |
| No. 190. | Hand, cut 2½ inches, entire length 12¼ inches. | Weights 1½ lbs.....each, | 1 50 |

HAWK'S BILL SHEARS.



Improved Pointed Curved Hand Shears.

The above cut represents a Curved Shear of real worth and great merit. It is capable of cutting in sheet metal openings of any kind and shape. Letters are easily cut out from sheet metal. They are especially adapted for cutting off the bottoms of metal vessels, and for cutting openings in pipes or cylinders of every description, for furnace jackets, thimbles, tee joints, etc. A bottom can be cut from a pint cup or a copper boiler with equal ease.

- | | | | |
|---------|---|-------------------------|--------|
| No. 15. | Pointed Snips, entire length 9¾ inches. | Weights 16 oz.....each, | \$3 00 |
|---------|---|-------------------------|--------|

NIAGARA HAND SLITTING SHEARS.



These Shears are distinguished from ordinary Tinner's Shears through the peculiar shape and arrangement of the jaws and handles. The lower jaw is relieved to allow the material to slide backwards freely. Both of the handles remain above the work while cutting. A sheet of any length can be cut apart without trouble and injury to the hands of the operator.

These Shears are especially adapted to cutting corrugated sheets lengthwise, which cannot be done with ordinary snips. They are forged of solid steel, and the jaws are laid with best cast steel, carefully tempered. Total length 13¼ inches.

Code Word	Net Weight	Price
Refers.	40 lbs.	\$3.90

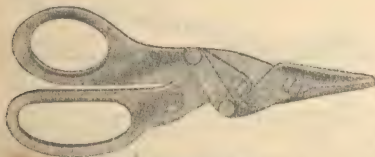
Niagara Hand Slitting Shears, 3-inch cut

COMPOUND LEVER SHEARS



8 inch, length of cut $1\frac{1}{4}$ inch	price 1 50
10 inch, length of cut $2\frac{1}{2}$ inch	price 2 25
12 inch, length of cut 3 inch	price 3 00
14 inch, length of cut $3\frac{1}{2}$ inch	price 3 50

They will cut much easier. The common snip will require from two to four times the amount of strength to operate in heavy metal.



Vest Pocket Size.

A handy tool for any and all kinds of small work. They have the cutting power of a twelve-inch snip, but should not be made to cut heavier than 26 gauge at the point. length 7 inches, weight 5 ounces. Length of cut, $1\frac{1}{4}$ inches.

Price, postpaid, \$1.00.

SOLDERING COPPERS—POINTED, ROOFING AND BOTTOM

HOOK AND RIVETED HANDLES

3 lbs. per pair and heavier,		per lb. (base)
2 1/2	"	\$.01 additional
2	"	.02 "
1 1/2	"	.03 "
1	"	.06 "

Always state whether weight wanted is per pair or each and if hook or riveted handles.

SOLDERING IRON HANDLES

Per dozen, \$.25



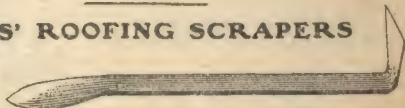
DOGWOOD MALLETS

Per dozen



2 1/2 inch,	
2 1/4 "	
2 1/2 "	
3 "	

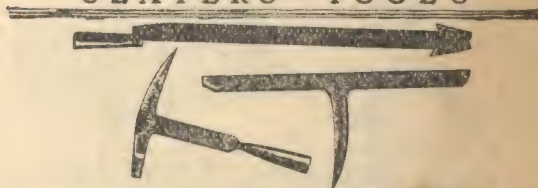
TINNERS' ROOFING SCRAPERS



Forged from best quality steel; tempered and fully warranted.

Per dozen, \$4 50

SLATERS' TOOLS



The Hammers are forged from one solid piece of steel, finely polished and tempered, and the Ripper blade is cut from solid steel.

Slaters' Rippers (\$ cents extra on every inch over 24 inches),	Each	\$2.00
" Hammers,		3.00
" Stake not graduated,		.75
Set of Slaters' Tools (Ripper, Hammer and Stake),		5.50
Slaters' Slakes, graduated, 1 to 12 inches,		1.25

ROOFING DOUBLE SEAMER.

We commend these Roofing Double Seamers for Standing Lock, because the work is done more evenly than by any other process. They turn the metal directly over and under, do not crimp the tin, and leave the formed locks of uniform height. They do not deface the surface of the roof; will work well over uneven roof boarding. Will double seam hips and ridges with perfect ease. They can be used by either hand or foot power. They will do the work much faster, easier and better than by hand and mallet. They are simple in construction, durable and not liable to get out of order. When shipped they are fitted for I. C. Tin.

These Double Seamers are now made and can be furnished adapted to several different styles of iron roofing; in fact for the formation of nearly every style of lock now used in applying sheet metal to roofs.

We can furnish Burritt's Double Seamers for galvanized iron roofing which will finish a 1-inch seam from material not heavier than No. 26 gauge and for single or double seams.

NOTE.—When ordering Seamers please state whether for common or wide gauge.

Common gauge adapted for 12 x 13 1/4-inch Tongs. Finished seam 3/4 inch high.

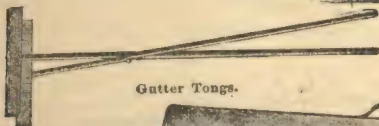
Wide gauge adapted to 14 x 13 1/4-inch Tongs. Finished seam 1 inch high.

Burritt's Patent, for Standing Lock.

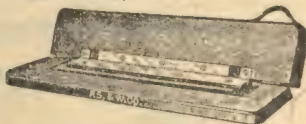
TWO PAIRS CONSTITUTE A SET.

Burritt's Double Seamers, for Tin Roofing.

Weigh 38 lbs. per set of 2 pairs, \$30 00



Gutter Tongs.



Roofing Double Seamer.

Improved Wood Roofing Folder.

Roofing Double Seamers, to match Roofing Tongs. Weigh 19 lbs. each per set (2),	\$1 75
Roofing Folder, Common, 30 inch, Wood. Weighs 12 lbs.	3 50
Roofing Folder, Common, 20 inch, Wood. Weighs 9 lbs.	2 50
Roofing Folder, Common, 14 inch, Wood. Weighs 7 lbs.	2 50
Roofing Folder, Improved, 30 inch, Wood, with Gauge. Weighs 15 lbs.	5 00
Roofing Folder, Improved, 20 inch, Wood, with Gauge. Weighs 11 lbs.	3 50
Roofing Folder, Adjustable, for 20 or 30 inch, Wood, with Gauge. Weighs 15 lbs.	6 00
Gutter Tongs. Weighs 10 lbs. each,	5 00
Steel Blades for Roofing Folders, 20 inch each,	1 00
Steel Blades for Roofing Folders, 30 inch each,	1 50

ROOFING TONGS.



Clamp Tongs.



Common Roofing Tongs.

The Clamp Roofing Tongs are used on the roof for drawing together the two layers of tin before clamping it.

Each size of common tongs turn but one size of lock.

In ordering, the size of lock wanted should be given.

If a set is ordered and no size named, 1 and $\frac{1}{4}$ inch will be sent.

Clamp Roofing Tongs. Weighs $3\frac{1}{2}$ lbs.	.....per pair,	\$2 25
Common Roofing Tongs, Steel, sizes $\frac{1}{4}$, $\frac{3}{8}$, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$.	Weighs 7 to 9 lbs...per pair,	3 00
Common Roofing Tongs, Steel.	.....per set, 2 pair,	6 00



No. 00. Stow's Improved Roofing Tongs.



No. 2. Reese's Patent Adjustable Gauge Roofing Tongs.

No. 00 Improved Roofing Tongs are so made that a single pair may be easily adjusted to turn five different widths of locks, from $\frac{1}{4}$ to $1\frac{1}{4}$ inches.

No. 2 Reese's Patent Roofing Tongs will turn any size edge from $\frac{1}{4}$ to 3 inches by simply adjusting the Thumb Screw and sliding the gauge to the desired width. They are light and strong and adapted to bending all kinds of ordinary sheet metal.

No. 00. Stow's Improved Roofing Tongs. Weighs $8\frac{1}{4}$ lbs.	.....each,	\$4 00
No. 2. Reese's Patent Roofing Tongs. Weighs 9 lbs.	.....each,	4 00
Screws for Improved Roofing Tongs.	.....each,	15
Blades for Improved Roofing Tongs.	.....each,	1 50
Bolts for Improved Roofing Tongs.	.....each,	25

Riveting and Setting Hammers.



Riveting Hammers.

Setting Hammers.

Nos.	0	1	2	3	4	5
Size of face inches	1½	1⅞	1	¾	¾	¾
Riveting Hammers, each	\$1 30	82	70	57	45	40
Setting Hammers, each.		82	70	57	45	40

Wire Chisels.



Size..... $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 1 $\frac{1}{8}$ 1 $\frac{1}{4}$ 1 $\frac{3}{8}$ 1 $\frac{1}{2}$ 1 $\frac{3}{4}$ 2 inches
Wire Chisels, each 8 9 10 11 12 13 14 15 17 19 20 24 29 cents.

Lantern Chisels.



Common size, each..... 12 cents.

Hollow Punches.

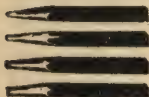


Hollow Punches, all sizes to and including 1 3/4 inch diameter,
round, per inch.....

Hollow Punches, above 1 3/4 inch diameter, per inch..... 1 25

Set of Hollow Punches, one each $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, $1\frac{3}{4}$ inches, per set 5 50

Solid Punches.



	Nos.	0	1	2	3	4	5	6	7	8
Size of hole.....inches.		$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$
Set of Solid Punches (four punches, two chisels).....per set	\$	73								
Solid Punches, cast steel, Nos. 0, 1, 2, 3, 4, 5, 6, 7, 8, and prick, each		1								

Size of hole.....inches. $\frac{1}{16}$ $\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$ $\frac{9}{16}$

Set of Solid Punches (four punches, two chisels).....	per set	\$ 72
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Solid Punches, cast steel, Nos. 0, 1, 2, 3, 4, 5, 6, 7, 8, and prick, each 1



Rivet Sets and Headers.

	Nos. 00	0	1	2	3	4	5	6	7	8
Size of Hole.....	$\frac{5}{16}$	$\frac{9}{32}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$ in.
For Iron Rivet.....	14	10&12	8	6	4&5	2&3	1&2	1&1/2	1&1/4	10&12 oz.
Rivet Sets and Headers, each }	75	75	63	63	50	50	37	37	32	32 cts.
Rivet Sets for Ornaments.....	each 38 cents.									



Grooving Tools.

	Nos. 00	0	1	2	3	4	5	6	7	8
Sizes.....	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{3}{4}$ inch
Grooving Tools, each	75	75	63	63	50	50	37	37	25	25 cts.



Scratch Awls.

Scratch Awls, ring end.....	per dozen \$1 20
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Bench Plates.



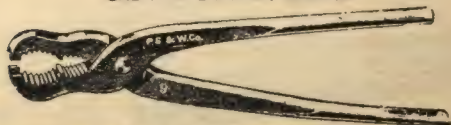
48x12...	\$9 00
37x 8...	5 00
30x 8...	3 00

FORGED STEEL COLD CHISELS



Inches.....	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$
Per Dozen.....	\$3 60	4 50	6 00	7 50	10 00	12 80

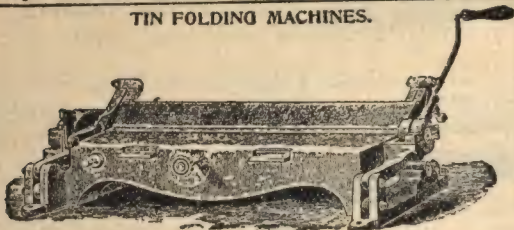
GAS AND BURNER PLIERS.



Gas and Burner Pliers, Forged Steel, Polished.

each.	5	6	7	8	9	10	11	12	13	14
Per Dozen.	\$6 00	7 00	8 00	9 25	10 25	12 50	13 50	14 50	15 00	

TIN FOLDING MACHINES.

**STOW'S PATENT ADJUSTABLE BAR FOLDERS.**

WILL TURN LOCKS FROM 3-32 TO 1 INCH IN WIDTH.

These Folders are adapted to the same work as those described on the previous page, though somewhat different in construction. The movement of the gauge is instantaneous. The set screw in front and at the left of the machine holds the gauge firmly in place and secures fold or lock of uniform width. The parts of these folders are interchangeable and correspond with the parts of our No. 52 Folder

- | | | |
|----------|---|---------|
| No. 152. | 20 $\frac{3}{4}$ inches, will turn Locks from 3-32 to 1 inch, | |
| | weighs 80 pounds..... | \$30 00 |
| No. 154. | 31 inches, will turn Locks from 3-32 to 1 inch, weighs | |
| | 155 pounds..... | 40 00 |

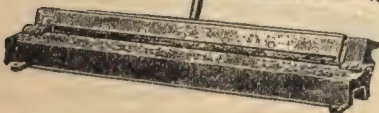
**Iron Bottom Folder.**

Capacity, No. 24 Iron and Lighter
30 inch..... \$7 00
For ordinary work. Width of
locks from $\frac{1}{8}$ to $\frac{1}{4}$ inch.

**Improved Sheet-
Iron Folder.**

Capacity, No. 24 Iron and Lighter.

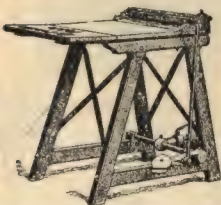
This Folder is so constructed that the gauge always moves upon a line parallel with the edge of the folding plate. In place of the wooden handle we now furnish a steel handle. Width of locks from $\frac{1}{8}$ to $\frac{1}{4}$ inch.



Shipping Price
Weight.
30-in., 65 lbs.
\$10.00.

Danzer's Lightning Edgers

HAND, FOOT AND BELT POWER—ADJUSTABLE GAUGE.



Capacity, 1 box 20 x 28 inches, 6 3/4 minutes.



Capacity, 1 box 20 x 28 inches, 10 minutes.

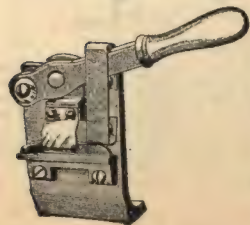
It will edge from $\frac{1}{4}$ to $\frac{5}{8}$ inches wide, either in tin or No. 27 and stove pipe iron. It will finish tin ready for flat seam roofing. It will edge a sheet of tin and kick it out without moving the sheet or turning it over the top of machine. A boy can work it. It will edge more tin than any other two machines. It is a time, labor and money saver. Made in two sizes.

PRICES

No.	Width
20—21 inch,	hand power, \$12.50
30—31 inch,	hand power, 16.25
20—21 inch,	foot power, 25.00
30—31 inch,	foot power, 28.50

THE DANZER

Lightning Cleat Former



Just what every Roofer needs. One movement of the handle makes the cleat and drops it in the box. It will make cleats $1\frac{1}{4}$ inches wide and under, in Tin or Galvanized Iron, and any length you want. Weight 6 lbs.

Price.....\$1.50 net

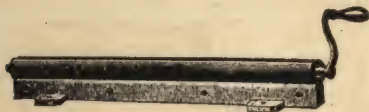
GUTTER MACHINES.



Stow's Patent Gutter Beaders.

All Gutter Beaders longer than 30 inches have two handles, so that the rod can be turned from both ends to prevent it from twisting. Special lengths of Stow's Patent Gutter Beaders can be furnished to order.

No. 00.	Steel Rod, 72 inches long, $\frac{3}{8}$ to 1 inch diameter.	Weights 100 lbs.....	\$35 00
No. 0.	Steel Rod, 30 inches long, $\frac{1}{4}$ to $\frac{3}{8}$ inch diameter.	Weights 66 lbs.....	10 00
No. 1.	Steel Rod, 20 inches long, $\frac{3}{8}$ to $\frac{1}{2}$ inch diameter.	Weights 30 lbs.....	5 50
No. 2.	Steel Rod, 15 inches long, $\frac{1}{4}$ to $\frac{1}{2}$ inch diameter	Weights 17 lbs.	4 50



Iron Gutter Beaders, with Enclosed Rod.

No. A3.	Iron Bottom, with Enclosed Rod, 120 inches.	Weights 200 lbs.....	\$40 00
No. A2.	Iron Bottom, with Enclosed Rod, 96 inches.	Weights 160 lbs.....	30 00
No. A1.	Iron Bottom, with Enclosed Rod, 60 inches.	Weights 90 lbs.....	20 00
No. 01.	Iron Bottom, with Enclosed Rod, 42 inches.	Weights 25 lbs.....	9 00
No. 02.	Iron Bottom, with Enclosed Rod, 30 inches.	Weights 18 lbs.....	6 00
No. 11.	Iron Bottom, with Enclosed Rod, 20 inches.	Weights 11 lbs.....	4 00
No. 12.	Iron Bottom, with Enclosed Rod, 15 inches.	Weights 6 lbs.....	3 50

In ordering the above Gutter Beaders be sure and specify the diameter of Rod wanted.

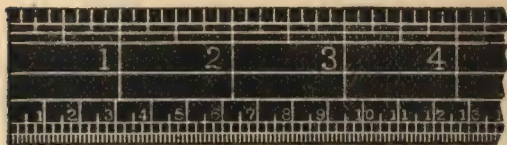


Steel Gutter Rods.

No. A3.	Steel Gutter Rods, $\frac{3}{8}$ to 1 inch diameter, 120 inches long.....	\$20 00
No. A2.	Steel Gutter Rods, $\frac{3}{8}$ to 1 inch diameter, 96 inches long.....	16 00
No. A1.	Steel Gutter Rods, $\frac{3}{8}$ to 1 inch diameter, 60 inches long.....	8 00
No. 01.	Steel Gutter Rods, $\frac{1}{2}$ to $\frac{3}{4}$ inch diameter, 42 inches long.....	4 50
No. 02.	Steel Gutter Rods, $\frac{1}{2}$ to $\frac{3}{4}$ inch diameter, 30 inches long.....	3 00
No. 11.	Steel Gutter Rods, $\frac{3}{8}$ to $\frac{1}{2}$ inch diameter, 20 inches long.....	2 00
No. 12.	Steel Gutter Rods, $\frac{3}{8}$ to $\frac{1}{2}$ inch diameter, 15 inches long.....	1 75

Steel Gutter Rods of other diameters and lengths made to order.

TINNERS' STEEL RULE.



Section of Tinner's Rule. Entire Length, One Yard.

No. 101. Tinner's Rule, Polished	each, \$3.50
No. 107. Tinner's Rule, Nickel Plated	each, 4.00



RAISING HAMMERS.

No. 1. Raising Hammers, weight 5 lbs.....	each, \$2.25
No. 2. Raising Hammers, weight 3 1/4 lbs.....	each, 1.75
No. 3. Raising Hammers, weight 2 1/4 lbs.....	each, 1.25
No. 4. Raising Hammers, weight 1 1/4 lbs.....	each, .75
Handles.....	per dozen extra, 1.25

BISHOP GUTTER FORMERS.

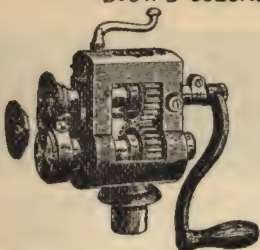
To make the Ends
on Gutter.



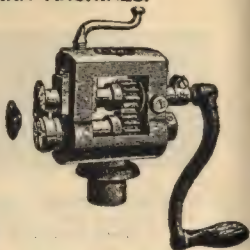
3 1/2 inch .....	.50
4 " .....	.60
4 1/2 " .....	.65
5 " .....	.75
6 "	1.00



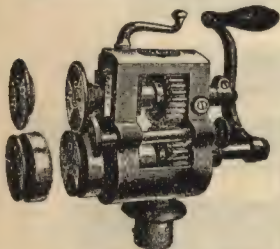
STOW'S COLUMBIAN MACHINES.



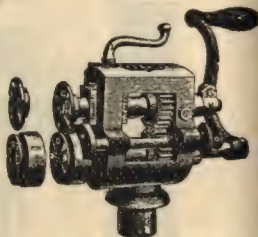
Large Burr and Stand, \$9 00.



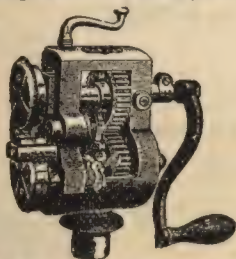
Small Burr and Stand, \$3.50



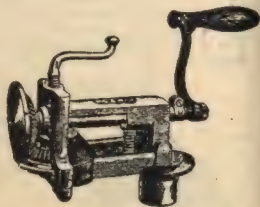
Large Turner and Stand, \$10.25.



Small Turner and Stand, \$10.00

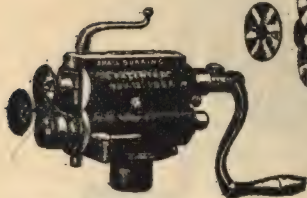


Wiring Machine and Stand, \$12.00.



Setting Down and Stand, \$9.25

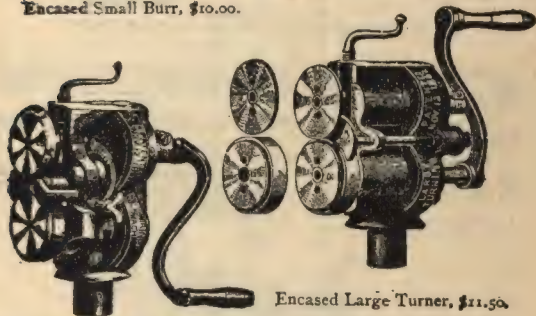
Encased and Raymond's Machines.



Encased Small Burr, \$10.00.



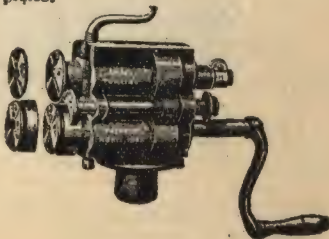
Encased Large Burr, \$10.50



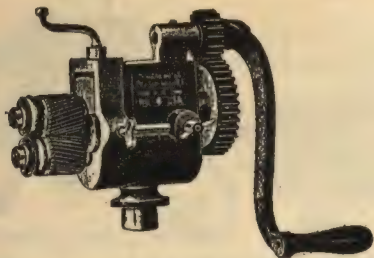
Encased Large Turner, \$11.50.

Encased Wiring Machine, \$14.00.

Encased
Small Turner,
\$11.25.



STOVE PIPE CRIMPERS AND BEADERS.



Encased Combined Stove Pipe Crimper and Beader.

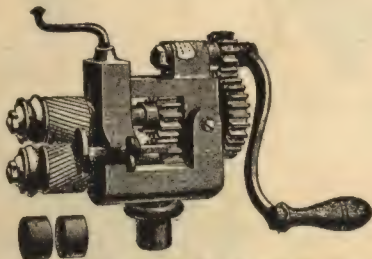
WITH DUPLICATE PARTS.

These Machines are designed to facilitate the making and putting together of metal pipe of different diameters. They crimp and contract the edges of stove and conductor pipe, so that the lengths are put together easily. Some are provided with beading rolls, which bead the pipe at the same time it is crimped. They have steel rolls. When crimping only is desired, substitute the Collar in place of the Ogee Rolls. They are adapted to material as thick as No. 22 gauge.

The Nos. 6 and 06 machines can be regulated to crimp deep or shallow or of any uniform depth by means of the thumb screw near the handle, by lowering one or tightening the other—the upper shaft can be tipped either inward or from the handle as desired.

We make these machines in several styles and at different prices as herewith described.

- No. 6. Encased with Spiral Crimping and Beading Rolls, with Stand. Weighs 49 lbs. \$12 00
 No. 06. Encased with Straight Crimping and Beading Rolls, with Stand. Weighs 49 lbs. 12 00



Stove Pipe Crimper and Beader.

WITH DUPLICATE PARTS.

- No. 7. With Spiral Crimping and Beading Rolls, with Stand. Weighs 45 lbs. \$12 00
 No. 07. With Straight Crimping and Beading Rolls, with Stand. Weighs 45 lbs. 12 00
 No. 9. With Spiral Crimping and Beading Rolls, with Foot Lever. Weighs 55 lbs. 14 00



Stow's Beading Machines.

	Throat.	Shipping Weight.	Price.
No. 1 Beader, 13 inches	13 inches	165 lbs.	\$32 25
No. 2 "	10 "	150 "	31 25
No. 3 "	7 1/2 "	100 "	26 25
No. 4 "	6 "	47 "	19 75
No. 5 "	4 "	34 "	16 75

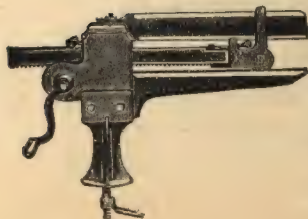


Packham Crimper and Beader

With stand, net..... \$6.50

No stand, net..... 6.00

Will crimp or swedge separately or together.



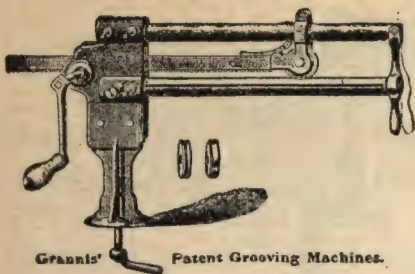
Stow's Brass-Mounted Groover.

This Groover is supplied with three grooved rolls, $\frac{1}{2}$, $\frac{3}{8}$ and $\frac{1}{4}$ -inch wide.

17-inch Stow's Groover, with stand.....\$11 00

20-inch Stow's Groover, with stand..... 13 50

Sheet Metal Groovers.



20 in., 85 lbs.

\$13.50

30 in., 100 lbs.

\$18.00

Grannis'

Patent Grooving Machines.

Stow's Squaring Shears.



If you do not have a squaring shear, by all means get this one. You will afterward wonder how you ever got along without it.

Price.

Stow's Squaring Shear.....					Price.
22 inch	"	"	Cut No. 20, Iron.....		\$35 00
30 "	"	"	" " " 18 "		50 00

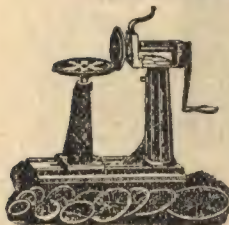
Forming Rolls--Plain.



For forming light sheet metal into cylindrical shape, such as tin pipe, can bodies, stove pipe, etc. The rolls are of steel, finely finished, and free from indentations and imperfections. Our Formers with rolls 1 and 1 1/2-inch diameter have brass gears; larger sizes have steel gears.

	Diameter.	Length.	Shipping Weight.	Price
Stove-Pipe Former.....	1 1/4 inches.	30 inches.	118 lbs.	\$18 00
	"	30 "	140 "	19 00

Hulbert's Double Seamer.



Double seams all kinds of flaring and straight work, coffee and tea-pots, oval and round boilers and raised work. It defects the ware after it is soldered, thus giving strength to the articles.

Ten disks and three faces accompany each Seamer. Diameter of flaring disks 4 $\frac{1}{4}$, 6 $\frac{1}{4}$, 7 $\frac{1}{4}$, 8 $\frac{1}{4}$ and 11 $\frac{1}{4}$ -inch; straight disks, 4 $\frac{1}{4}$, 5 $\frac{1}{4}$, 8 $\frac{1}{4}$ and 10 $\frac{1}{4}$ -inch; oval edge disk, 5 $\frac{1}{4}$ -inch. Shipping weight—14-inch, 130 lbs.; 20 inch, 160 lbs.

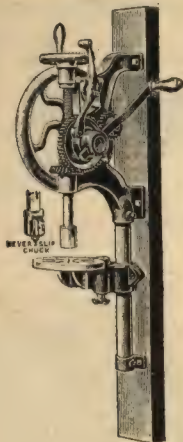
Halbert's Seamer, with deflector for work up to 14 inches high.....	\$27 00
do do without " " " " 14 " " "	25 00
do do with " " " " 20 " " "	30 00
Extra Disks.....	1 50

Packham's Hand Crimping Tongs.



Each.....\$1 00

NO. 101 SELF-FEED BLACKSMITH POST DRILL



No. 101 Champion Post Drill is built to furnish an Automatic Self-Feed Drill at the lowest price possible. It has back gears and is a nicely made little Drill with slotted lathe-turned table. It will drill to the center of a 12-inch circle. It has one speed for the crank. The spindle is $\frac{3}{4}$ -inch in diameter. It drills holes up to $\frac{3}{4}$ -inch and has an up-and-down run of 3 inches. The spindle is bored like Never Slip Chuck for $\frac{1}{2}$ -inch straight shank Drills.

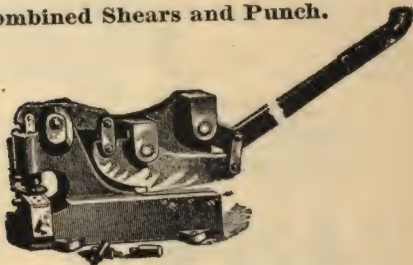
Or when specially ordered, $\frac{1}{2}$ or $\frac{1}{4}$.

No. 101 Champion Self-Feed Blacksmith Post Drill. Weight 80 lbs., . . \$7.00

SHEARS AND PUNCHES.

These Machines are suitable for both cutting and punching metal. They may be used for cutting $\frac{1}{4}$ -inch iron, and $\frac{1}{8}$ and $\frac{1}{4}$ -inch narrow bars. The No. 1 will punch the centre of a circle $5\frac{1}{4}$ inches in diameter and the No. 2, $5\frac{1}{2}$ inches. Four Punches are put up with No. 1, viz.: $\frac{1}{4}$, $\frac{1}{8}$, $\frac{1}{4}$ and $\frac{1}{8}$ inch. Five Punches are put up with No. 2, viz.: $\frac{1}{4}$, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{8}$ and $\frac{3}{8}$ inch.

Nos. 1 and 2 Combined Shears and Punch.

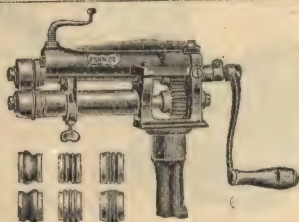


No. 1. will punch $\frac{1}{8}$ inch iron. . . Weight 100 lbs. . .
No. 2. will punch $\frac{3}{16}$ inch iron . . . Weight 120 lbs. . .

No. 1. Shear and Punch, $4\frac{1}{2}$ inch cut	\$20 00
No. 2. Shear and Punch, $5\frac{1}{2}$ inch cut,	25 00
Bed, Complete (Drilled and Fitted) for No. 1	10 00
Bed, Complete (Drilled and Fitted) for No. 2.	12 00
Die Holders for Nos. 1 or 2	1 00
Extra Punches, for Nos. 1 or 2.....	75
Extra Dies, for Nos. 1 or 2.....	1 25

SERVICEABLE BEADING MACHINES

You need this very machine to swedge heater pipe and heater casings. It is quite carefully constructed of the best sort of material, and continues to prove serviceable for general sheet-metal work

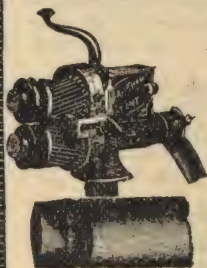


No. 4 possesses a 6-inch throat; weighs 50 pounds; and with it come 4 rollers, as illustrated, and stand, for \$17.78.

This machine well handles No. 26 iron and lighter. If you need it, it isn't good economy to put off buying.

Tinner's Square

No. 4 \$1.00 each



Packham Crimper and Beader

With stand, net..... \$6.50

No stand, net..... 6.00

Will crimp or awedge separately or together.



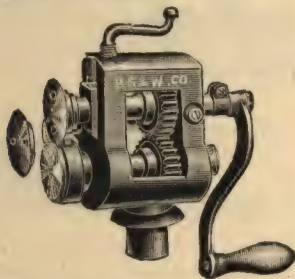
Will punch $\frac{1}{4}$ inch hole in No. 16 Iron, has 1 in. throat, back guage. Three sets punches and dies $\frac{1}{4}$ in., $\frac{1}{8}$ in., $\frac{3}{16}$ in., weight 6 lbs., made of steel. Price \$5.00 Net. Extra punches and dies 30 cts each.

CORRECT BURRING MACHINES

There is a right and a wrong way to do things—there are many ways to do a thing wrong, but there should be only one right way.

The right kind of a machine in the hands of the right kind of a workman will certainly turn out the right kind of work.

You can furnish the workman, but let us furnish the machine. The machine shown here is one of the family of correct types that we are in a position to furnish.



No. 577, the large burring machine, weighs 25 pounds. It comes with the standard and one extra upper face for \$8.55.

The diameter of the face is $2\frac{1}{8}$ inches. It takes care of No. 22 iron and lighter. Do you need it in your business?

A MIGHTY HANDY LITTLE TOOL



This little L. D. B. Adjustable Pocket Seamer is a mighty handy and time saving tool for SHEET METAL WORKERS.

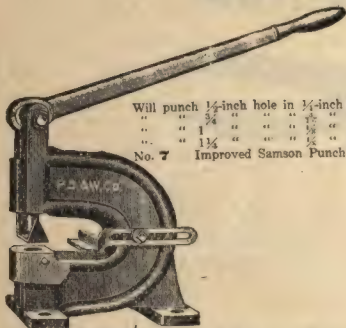
It will enable you to make a good seam on a difficult joint—on a roof or in the shop.

It's made out of good stuff—good and husky for its size which is about 7 inches by 3 inches wide.

You can stick it in your vest pocket, it takes up very little room—and it pays for itself over and over again in a short time.

Send us a dollar and we'll send you this Adjustable Pocket Seamer, post-paid.

SAMSON PUNCH.



	Punch.	Dies
Will punch $\frac{1}{4}$ -inch hole in $\frac{1}{4}$ -inch Iron Each	\$1 00	\$1 50
" " $\frac{3}{8}$ " " " " " "	1 50	1 50
" " 1 " " " " " "	2 00	2 00
" " $1\frac{1}{4}$ " " " " " "	2 50	2 50
No. 7 Improved Samson Punch Weight 200 lbs.		10 00

Bed or Frame Complete (drilled or fitted) for No. 7	Each	18 00
Punches for No. 7, $\frac{1}{4}$, $\frac{3}{8}$ and $\frac{1}{2}$ inch	Each	1 00
Dies for No. 7, $\frac{1}{4}$, $\frac{3}{8}$ and $\frac{1}{2}$ inch		1 50
Strippers which are necessary for Punches ranging from $\frac{1}{2}$ to $1\frac{1}{4}$ inches		2 00

We warrant the No. 7 Samson Punch to punch $\frac{1}{4}$, $\frac{3}{8}$ -16 and $\frac{1}{2}$ -inch holes in $\frac{1}{4}$ -inch Iron.

Depth of Gap, 6 inches, will center on 12-inch sheets. With each Machine are 3 sets of Dies and Punches, $\frac{1}{4}$, $\frac{3}{8}$ -16 and $\frac{1}{2}$ inch with Stripper for same.

This Machine is constructed to meet a wide field of usefulness and is fitted with Die Holder, the removal of which permits the usage of Special Larger Dies up to 1 $\frac{1}{2}$ inch, inclusive. Smaller sizes of Punches and Dies can be supplied down to $\frac{1}{8}$ inch.

The Dies for No. 7 Samson Punch are fitted for punching full thickness of stock. If wanted for punching clean holes in tin or light metal a closer fitting Die must be used, which can be furnished at the price of the regular Dies of the same size.

PORTABLE LEVER PUNCH.



Improved Lever Punch.

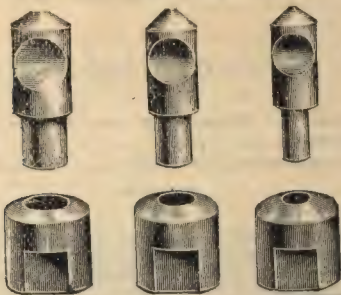
The illustration shows the method of construction of this handy and useful tool. The Toggle Movement is powerful, and it works easily and rapidly. It is made to combine light weight with strength. The Gauges, both back and side, are easily adjusted. Depth of Throat 1 $\frac{1}{2}$ inch.

Three Dies and three Punches accompany each machine.

The sizes of the Punches are $\frac{1}{4}$, $\frac{3}{8}$ -16 and $\frac{1}{2}$ inch, and can be used on material as thick as No. 20 gauge.

No. 10 Portable Punch	Weight 10 lbs.	Each	\$8 00
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YOU'VE OFTEN NEEDED THIS



PEXTO HAND PUNCH



How many times have you fiddled around, thrown bolts and odds and ends aside in an effort to find a suitable punch of some sort?

Even then you haven't the correct tool to punch a good, clean hole.

This lever hand punch, as illustrated, is just the thing to make your metal work better. A rivet feels perfectly at home in the opening made by this practical and handy tool.

Quite light in weight, strong and husky in construction, powerful in operation, this tool will punch $\frac{1}{8}$, $\frac{3}{8}$ and $\frac{1}{2}$ inch holes in No. 20 iron.

The height is 4 inches, the length $7\frac{1}{2}$. The depth of the throat is 1 inch.

This hand punch comes complete—with the dies capable of punching the three sizes as mentioned above—for \$2.80.

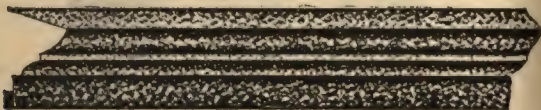
Crown Mouldings

If furnished with diagram, we can make any size or style Moulding the customer may desire.

Prices on Belt Moulding, Galvanized or Copper, furnished on application.

FOR WOOD.

No. 90.

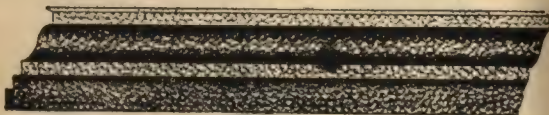


Height, $10\frac{1}{4}$ inches..... Projection, $4\frac{1}{4}$ inches..... Girt, 21 inches

Galvanized, per Foot
.. Price, 22 cents

FOR WOOD.

No. 91.



Height, 13 inches..... Projection, $6\frac{1}{2}$ inches..... Girt, 21 inches.....

Galvanized, per Foot
.. Price, 22 cents

FOR BRICK.

No. 92.



Height, 10 inches..... Projection, $5\frac{1}{2}$ inches..... Girt, 21 inches.....

Galvanized, per Foot
.. Price, 21 cents

Write for Discounts

Cornices

Made of Galvanized Sheets

The following illustrations are intended to convey an idea of the character of work we manufacture, and for parties to select from who may not have chosen or prepared special designs of their own.

TINNERS

Will find it to their interest to handle our Cornices, since it will enable them to secure profitable work at times when they are obliged to submit figures on Cornice work in connection with other work on the same building.

Lintel Cornices



No. 10.

Height, $4\frac{1}{4}$ in.; projection, $3\frac{1}{4}$ in.; girt, 12 in. Price per foot, \$0.12.



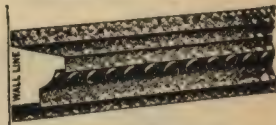
No. 13.

Height, $4\frac{1}{4}$ in.; projection, $3\frac{1}{4}$ in.; girt, 12 in. Price per foot, \$0.12.



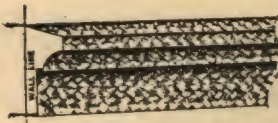
No. 11.

Height, 4 in.; projection, $3\frac{3}{4}$ in.; girt, 14 in. Price per foot, \$0.14.



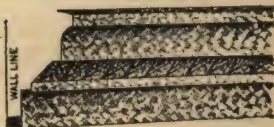
No. 14.

Height, 7 in.; projection, 5 in.; girt, 18 in. Price per foot, \$0.27.



No. 12.

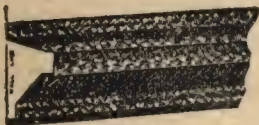
Height, 7 in.; projection, $4\frac{1}{4}$ in.; girt, 16 in. Price per foot, \$0.16.



No. 15.

Height, 12 in.; projection, $8\frac{1}{4}$ in.; girt, 20 in. Price per foot, \$0.30.

Lintel Cornices



No. 16.

Height, 8 in.; projection, 6 in.; girt,
20 in. Price per foot, \$0.80



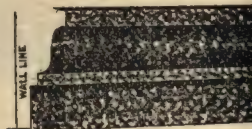
No. 17.

Height, 8 in.; projection, 6 in.; girt,
20 in. Price per foot, \$0.20.



No. 18.

Height, 12 in.; projection 8 1/4 in.; girt,
20 in. Price per foot, \$0.80



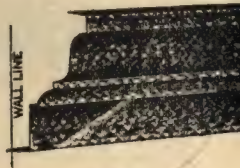
No. 19.

Height, 12 in.; projection, 8 in.; girt,
20 in. Price per foot, \$0.20.



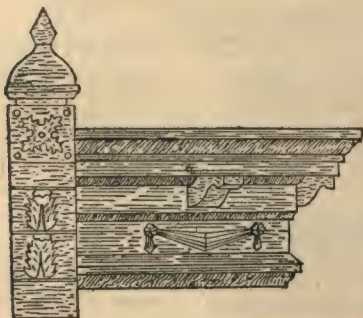
No. 20.

Height, 11 in.; projection, 7 in.; girt,
23 in. Price per foot, \$0.21



No. 21.

Height, 12 in.; projection, 7 1/4 in.; girt,
20 in. Price per foot, \$0.20.



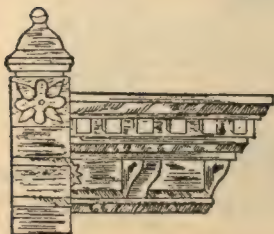
No. 1.
Galvanized
Cornice.

24 inch, \$ 97 per ft.
30 " 120 "
36 " 135 "
End Blocks, \$4 90
each.



No. 2.
Galvanized
Cornice.

22 inch, \$ 75 per ft.
24 " 82 "
30 " 98 "
36 " 105 "



No. 3.
Galvanized
Cornice.

30 inch, \$ 67 per ft.
End Blocks, \$4 50
each.



No. 4.

Galvanized Cornice

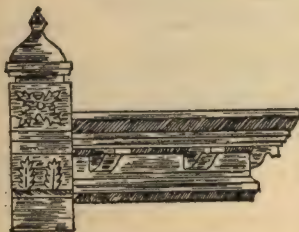
18 inch, 48 cts per foot.
 20 " 56 " " "
 22 " 64 " " "



No. 5.

Galvanized Cornice

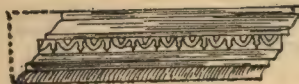
16 inch, 48 cts. per foot.



No. 6.

Galvanized Cornice

14 inch, 64 cts. per foot.
 End Blocks, \$4.50 each



No. 7

Galvanized Cornice

12 inch, 37 cts. per foot.
 14 " 48 " " "

Galvanized Iron Cornices.

Prices for Copper Quoted on Application.

No. 8.

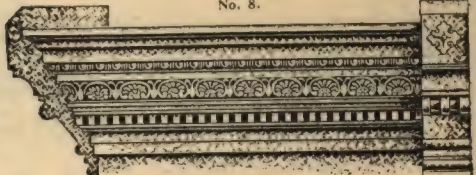


Illustration of Galvanized Iron Cornice No. 8, showing a side profile and an end block with decorative scrollwork.

Height.	Projection.	Per Foot.	End Block.
24 inches	12 inches	\$1 20	\$7 50
25 "	15 "	1 40	9 00
26 "	18 "	1 80	10 00

No. 9.

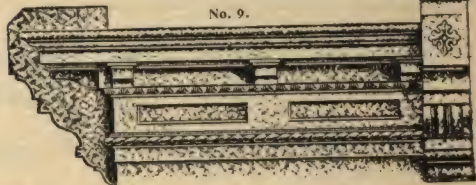


Illustration of Galvanized Iron Cornice No. 9, showing a side profile and an end block with decorative scrollwork.

Height.	Projection.	Per Foot.	End Block.
24 inches	12 inches	\$1 15	\$8 00
25 "	14 "	1 25	9 00
26 "	15 "	1 35	10 00
27 "	18 "	1 65	11 00

No. 10.


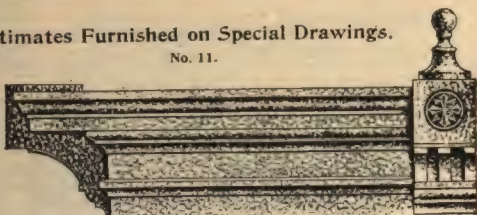


Illustration of Galvanized Iron Cornice No. 10, showing a side profile and an end block with decorative scrollwork.

Height.	Projection.	Per Foot.	End Block.
24 inches	12 inches	\$ 90	\$5 30
26 "	13 "	1 05	5 30
28 "	14 "	1 20	5 50
30 "	15 "	1 35	6 00
36 "	18 "	1 80	6 50

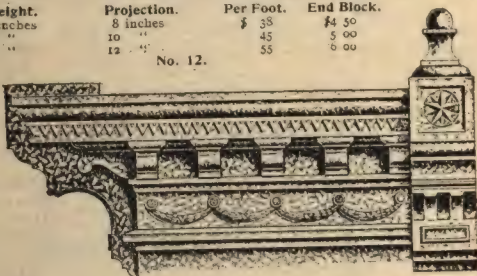
Estimates Furnished on Special Drawings.

No. 11.



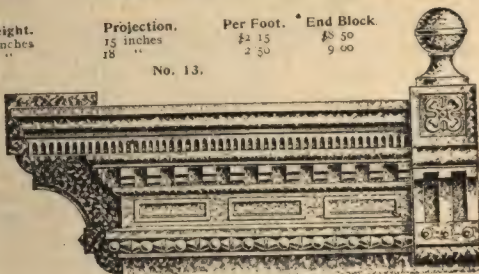
Height.	Projection.	Per Foot.	End Block.
16 inches	8 inches	\$ 38	\$4 50
20 "	10 "	45	5 00
24 "	12 "	55	6 00

No. 12.



Height.	Projection.	Per Foot.	End Block.
30 inches	15 inches	\$2 15	\$8 50
36 "	18 "	2 50	9 00

No. 13.



Height.	Projection.	Per Foot.	End Block.
36 inches	18 inches	\$2 50	\$8 00
42 "	21 "	3 00	8 50
48 "	24 "	3 75	9 00

Cornices



No. 22.

Height, 26 inches; projection, 12 inches; price per foot.....\$0.98
End Blocks, each.....3.00



No. 23.

Height, 28 inches; projection, 14 inches; price per foot.....\$1.16
End Blocks, each.....3.00



No. 24

Height, 30 inches; projection, 15 inches; price per foot.....\$1.20
End Blocks, each.....3.00
Urns, each.....1.50



No. 25.

Height, 30 inches; projection, 15 inches; price per foot.....\$1.40
End Blocks, each.....3.36

Cornices



No. 29.

Height, 26 inches; projection, 12 inches; price per foot.....	\$1.39
End Blocks, each.....	5.49
Orna, each.....	2.28



No. 30.

Height, 45 inches; projection, 16 inches; price per foot.....	\$ 3.60
Pediment.....	12.00
Letters, each.....	.00
End Blocks, each.....	7.00
Orna, each.....	2.00

Galvanized IRON BLOCK LETTERS.

K S

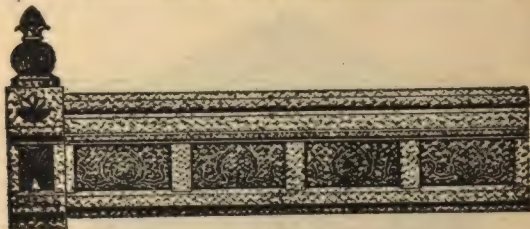
Block— 6 inch	\$.50 cts. each
—12 inch.....	.70 cts. each
—18 inch.....	1.00 cts. each
—24 inch.....	each
—36 inch.....	2.00 each

Cornices



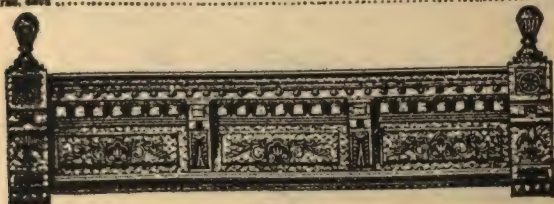
No. 26.

Height, 60 inches; projection, 25 inches; price per foot.....\$3.75
End Blocks, each.....6.00



No. 27.

Height, 26 inches; projection, 12 inches; price per foot.....\$0.98
End Blocks, each.....5.75
Urn, each.....3.00



No. 28.

Height, 48 inches; projection, 26 inches; price per foot.....\$3.98
End Blocks, each.....4.00
Urn, each.....3.00

Cornice Pediments



No. 31.

Length, 9 feet; height in center, 3 feet 2 inches; price.....\$28.60



No. 32.

Length, 8 feet; height in center, 4 feet; price.....\$27.50
Letters, each \$0.60. Can be used on either style of Cornice and Frieze



No. 33.

Length, 8 feet 8 inches; height, 3 feet 1 inch; price.....\$47.60

Gutter End Pieces, Caps and Outlets.

Standard Lists, Steel and Ingot Iron.



B



A



C

Outlet only

End Piece Complete

Cap only

SIZE, INCHES	END PIECES COMPLETE							
	3	3½	4	4½	5	6	7	8
Per Dozen, Single Bead.....	\$2.80	\$3.80	\$5.10	\$3.45	\$3.45	\$4.15	\$4.70	\$5.25
Per Dozen, Double Bead.....	3.30	3.30	3.60	3.95	3.95	4.65	5.20	5.75
Per Dozen, Caps only.....	.55	.95	1.10	1.20	1.20	1.45	1.70	2.10
Per Dozen, Outlets only.....	.75	.80	.85	.95	.95	1.20	.....	.....

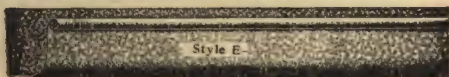
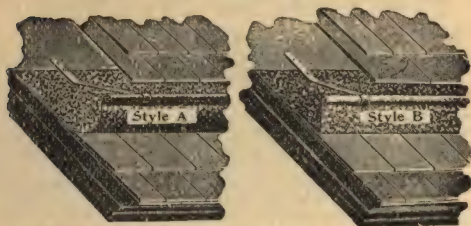
COPPER EAVES TROUGH FITTINGS

Size	Mitres				Ends with Outlets each	End Caps and Dr'ps each
	14 ozs. each		16 ozs. each			
	Lap	Slip	Lap	Slip		
3 in.	\$0 75	\$0 85	\$0 85	\$0 95	\$0 95	\$0 40
3½ "	80	90	90	1 00	1 00	45
4 "	80	95	95	1 05	1 05	45
4½ "	90	1 00	1 00	1 10	1 10	48
5 "	90	1 00	1 00	1 10	1 10	48
6 "	95	1 05	1 05	1 15	1 15	50
7 "	1 00	1 15	1 15	1 30	1 30	60
8 "	1 20	1 35	1 35	1 50	1 50	70

Double Bead Mitres, add 25 cents each.

In ordering Mitres, state whether "Inside" or "Outside" are wanted, and, if Slip Joint, whether "Rights" or "Lefts." Otherwise half of each kind will be shipped.

GALVANIZED ROOF GUTTERS



O. G. BOX AND ROOF GUTTERS
Galvanized Steel and Galvanized Toncan Metal.

Styles "A," "B," "C," "D," "E," "F," "G" and "H."

Girth, Inches	10	12	14	15	16	18	20	22	24	26	28	30
29 gauge	.25	.30	.35	.37	.40	.45	.50	.55	.60	.65	.70	.75
28 gauge	.27	.32	.37	.39	.44	.49	.54	.59	.64	.69	.74	.79
27 gauge	.29	.34	.39	.41	.48	.53	.58	.63	.68	.73	.78	.83
26 gauge	.31	.36	.41	.43	.52	.57	.62	.67	.72	.77	.82	.87
24 gauge	.49	.54	.59	.61	.64	.69	.74	.79	.84	.89	.94	.99

Style "J."

Girth, Inches	10	12	14	15	16	18	20	22	24	26	28	30
29 gauge	.30	.36	.42	.45	.48	.54	.60	.66	.72	.78	.84	.90
28 gauge	.32	.38	.44	.47	.52	.58	.64	.70	.76	.82	.88	.94
27 gauge	.34	.40	.46	.49	.56	.62	.68	.74	.80	.86	.92	.98
26 gauge	.36	.42	.48	.51	.60	.66	.72	.78	.84	.90	.96	1.02
24 gauge	.54	.60	.66	.69	.72	.78	.84	.90	.96	1.02	1.08	1.14

PLAIN RIDGE ROLL AND V RIDGE CAP—Galvanized Steel and Toncan Metal.

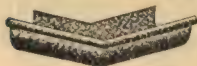
Girth, Inches	6	7	8	10	12	14
29 gauge	.13	.14	.16	.19	.23	.28
28 gauge	.15	.16	.18	.21	.25	.30
27 gauge	.17	.18	.20	.23	.27	.32
26 gauge	.19	.20	.22	.25	.29	.34
24 gauge	.25	.26	.28	.31	.35	.40

FORMED VALLEY—Galvanized Steel and Galvanized Toncan Metal.

Girth, Inches	10	12	14	16	20	24	28	30
29 gauge	.12½	.15	.17½	.20	.25	.30	.35	.37
28 gauge	.14½	.17	.19½	.22	.27	.32	.37	.39
27 gauge	.16½	.19	.21½	.24	.29	.34	.39	.41
26 gauge	.18½	.21	.23½	.26	.31	.36	.41	.43
24 gauge	.24½	.27	.29½	.32	.37	.42	.47	.49

Odd girths not specified take list of next higher girth.

GUTTER MITRES.



Outside Corner Mitre



Inside Corner Mitre

-GALVANIZED STEEL AND GALVANIZED TONCAN METAL.

Size, In	Single Bead—Lap Joint—Per Doz.								Single Bead—Slip Joint—Per Doz.							
	3½	4	4½	5	6	7	8		3½	4	4½	5	6	7	8	
29 G.	3 25.3	50.4	00.4	00.5	00.6	50.6	8 00		4 25.4	50.5	00.5	00.6	00.6	7 50	9 00	
28 G.	3 75.4	00.4	50.4	50.5	75.7	50 9 00			4 75.5	00.5	50.5	50.6	75 8 50	10 00		
26 G.	4 00.4	25.4	75.4	75.6	00.8	00 9 50			5 00.5	25.5	75.5	75.7	00 9 00	10 50		
24 G.	4 75.5	50.6	50.6	50.7	50.9	00 11 00			5 75.6	50.7	50.7	50.8	50 10 00	12 00		
Double Bead—Lap Joint—Per Doz.																
29 G.	4 25.4	50.5	00.5	00.6	00.7	50 9 00			5 25.5	50.6	00.6	00.7	00 8 50	10 00		
28 G.	4 75.5	00.5	50.5	50.6	75.8	00 10 00			5 75.6	00.6	50.6	50.7	75 9 50	11 00		
26 G.	5 00.5	25.5	75.5	75.7	00.9	00 10 50			6 00.6	25.6	75.6	75.8	00 10 00	11 50		
24 G.	5 75.6	50.7	50.7	50.8	50 10 00	12 00			6 75.7	50.8	50.8	50.9	50 11 00	13 00		

Galvanized Elbows and Shoes

PLAIN OR ROUND CORRUGATED



No. 0
30 degrees



No. 1
45 degrees



No. 2
60 degrees



No. 3
75 degrees



No. 4
90 degrees

**HEAVIEST GAUGE
ELBOWS AND
SHOES ON THE
MARKET**



No. 3 Shoe
75 degrees

List Prices—Per Piece

Size	Gal. Steel		Toncan		14 Oz. Copper		16 Oz. Copper	
	Elbows	Shoes	Elbows	Shoes	Elbows	Shoes	Elbows	Shoes
2 in.	\$.30	\$.40	\$.40	\$.50	\$.70	\$.75	\$.75	\$.85
3 in.	.36	.48	.48	.60	.90	1.00	1.00	1.10
4 in.	.60	.75	.75	.90	1.35	1.50	1.50	1.65
5 in.	1.25	1.50	1.45	1.65	2.00	2.25	2.25	2.50
6 in.	1.50	1.80	1.75	2.00	2.85	3.15	3.15	3.50

When ordering state both size and number.

No. 3 will be furnished on all orders, unless otherwise specified.

Galvanized Steel, Discount..... Per Cent.

Toncan Discount..... Per Cent.

Copper, Discount..... Per Cent.

Galvanized Elbows and Shoes

SQUARE CORRUGATED

Style A



No. 1
45 degrees



No. 2
60 degrees

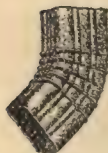


No. 3
75 degrees



No. 3 Shoe

Style B



No. 1
45 degrees



No. 2
60 degrees



No. 3
75 degrees



No. 3 Shoe

Style A

Size	Gal. Steel		Toncan		14 Oz. Copper		16 Oz. Copper	
	Elbows	Shoes	Elbows	Shoes	Elbows	Shoes	Elbows	Shoes
2 in.	\$.40	\$.50	\$.60	\$.75	\$.85	\$.90	\$.90	\$1.05
3 in.	.50	.60	.70	.85	1.10	1.20	1.20	1.35
4 in.	.65	.80	.90	1.10	1.60	1.80	1.80	2.00
5 in.	1.00	1.25	1.35	1.60	2.40	2.75	2.75	3.00
6 in.	1.20	1.40	1.70	2.00	3.40	3.75	3.75	4.20

STYLE B—Same list as Style A

Styles A and B used together enables a perfect "Rounding" of a corner without cutting of the pipe.

Galvanized Steel, Discount..... Per Cent.

Toncan Discount..... Per Cent.

Copper, Discount..... Per Cent.

Galvanized Steel
EAVE TROUGH—HEAVY GAUGES,

Size, In.	Single Bead Lap Joint									
	3	3½	4	4½	5	6	7	8	9	10
22 Gauge	43	44	46	48	49	53	57	60	65	69
20 "	53	54	56	58	59	63	67	70	75	79
18 "	63	64	66	68	69	73	77	80	85	89

Double Bead Lap Joint										
22 Gauge	53	54	56	58	59	63	67	70	75	79
20 "	63	64	66	68	69	73	77	80	85	89
18 "	73	74	76	78	79	83	87	90	95	99

Single Bead Slip Joint										
22 Gauge	45	46	48	50	51	55	59	62	67	71
20 "	55	56	58	60	61	65	69	72	77	81
18 "	65	66	68	70	71	75	79	82	87	91

Double Bead Slip Joint										
22 Gauge	55	56	58	60	61	65	69	72	77	81
20 "	65	66	68	70	71	75	79	82	87	91
18 "	75	76	78	80	81	85	89	92	97	101

COPPER—EAVE TROUGH

Single Bead, Lap Joint										
Size, In	3	3½	4	5	6	7	8	9	10	
14 oz....	31	36	40	50	61	71	82	91	1 00	
16 oz....	33	39	44	54	66	77	88	98	1 08	
20 oz....	41	49	55	67	83	96	1 10	1 22	1 34	

Double Bead, Lap Joint										
14 oz....	37	42	46	56	67	77	88	1 00	1 12	
16 oz....	39	45	50	60	72	83	94	1 07	1 20	
20 oz....	49	57	63	75	91	1 04	1 18	1 34	1 50	

Single Bead, Slip Joint										
14 oz....	34	39	43	53	64	74	85	96	1 06	
16 oz....	36	42	47	57	69	80	91	1 03	1 14	
20 oz....	45	53	59	71	87	1 00	1 14	1 28	1 42	

Double Bead, Slip Joint										
14 oz....	40	45	49	59	70	80	91	1 05	1 18	
16 oz....	42	48	53	63	75	86	97	1 12	1 26	
20 oz....	53	61	67	79	95	1 08	1 22	1 40	1 58	

RAVE TROUGH—Galvanized Steel**Single Bead Lap Joint**

Size, In	3	3½	4	4½	5	6	7	8	9	10
29 Gauge	13	14	16	18	19	23	27	31	36	40
28 "	15	16	18	20	21	25	30	34	38	42
27 "	17	18	20	22	23	28	32	37	42	46
26 "	19	20	22	24	25	30	35	40	45	50
24 "	..	..	28	30	31	37	44	50	56	62

Double Bead, Lap Joint

Size, In	3	3½	4	4½	5	6	7	8	9	10
29 Gauge	16	17	19	21	22	26	30	34	39	43
28 "	18	19	21	23	24	28	33	37	41	45
27 "	20	21	23	25	26	31	35	40	45	49
26 "	22	23	25	27	28	33	38	43	48	53
24 "	..	..	31	33	34	40	47	53	59	65

Single Bead, Slip Joint

Size, In	3	3½	4	4½	5	6	7	8	9	10
29 Gauge	14	15	17	19	20	25	29	33	38	42
28 "	16	17	19	21	22	27	32	36	40	44
27 "	18	19	21	23	24	30	34	39	44	48
26 "	20	21	23	25	26	32	37	42	47	52
24 "	..	..	29	31	32	39	46	52	58	64

Double Bead, Slip Joint

Size, In	3	3½	4	4½	5	6	7	8	9	10
29 Gauge	17	18	20	22	23	28	32	36	41	45
28 "	19	20	22	24	25	30	35	39	43	47
27 "	21	22	24	26	27	33	37	42	47	51
26 "	23	24	26	28	29	35	40	45	50	55
24 "	..	..	32	34	35	42	49	55	61	67

PLAIN ROUND PIPE.



Gauge	29,	28,	26,	24,	22,	20
1 1/2 in., \$	.11	\$.13	\$.17	\$.23	IRREGULAR	
2 "	.13	.15	.19	.25		
2 1/2 "	.14	.16	.20	.26		
3 "	.15	.17	.21	.27	.60	.70
3 1/2 "	.18	.20	.24	.31		
4 "	.20	.23	.28	.35	.70	.80
5 "	.25	.28	.34	.44	.80	.90
6 "	.30	.33	.40	.52	.90	1.00
7 "	.70	.74	.76	.94	1.00	1.10
8 "	.80	.84	.86	1.04	1.10	1.20
9 "	.90	.94	.96	1.14	1.20	1.30
10 "	1.00	1.04	1.06	1.24	1.30	1.40
2 x 3	.25	.29	.31	.49	.55	.65
2 1/2 x 4	.32	.36	.38	.56	.62	.72
2 x 4	.30	.34	.36	.54	.60	.70
3 x 4	.35	.39	.41	.59	.65	.75
3 1/2 x 5	.42	.46	.48	.66	.72	.82
3 3/4 x 5	.44	.48	.50	.68	.74	.84
4 x 5	.45	.49	.51	.69	.75	.85
4 x 6	.50	.54	.56	.74	.80	.90

BERGER'S COPPER CONDUCTOR.

PLAIN AND CORRUGATED.



		14 oz.	16 oz.
1 1/2 inch.....		\$.40	\$.43
2 " .....		.40	.43
2 1/2 " .....		.50	.54
3 " .....		.50	.54
3 1/2 " .....		.65	.70
4 " .....		.65	.70
5 " .....		.85	.92
6 "		1.00	1.08
2 " Square Corg.		.42	.45
3 " " " .....		.52	.56
4 " " " .....		.67	.72
5 " " " .....		.87	.94
2 x 3 in plain .....		.60	.63
2 x 4 " .....		.71	.75
3 x 4 " .....		.84	.88
3 1/2 x 5 "		1.00	1.05
4 x 5 "		1.07	1.13
4 x 6 "		1.18	1.25

Berger's Corrugated Expanding Conductor.

Gauges,	29	28	26	24
1½ inch,	\$.11	\$.13	\$.17	\$.23
2 "	.13	.15	.19	.25
2½ "	.14	.16	.20	.26
3 "	.15	.17	.21	.27
3½ "	.18	.20	.24	.31
4 "	.20	.23	.28	.35
5 "	.25	.28	.34	.44
6 "	.30	.33	.40	.52

SQUARE

2	inch,	\$.15	\$.17	\$.21	
3	"	.17	.19	.23	\$.29
4	"	.22	.25	.30	.37
5	"	.27	.30	.36	.46
2	"	...Actual Size, 1¾ x 2¼			
3	"	...	"	"	2¼ x 3¼
4	"	...	"	"	2¾ x 4¼
5	"	...	"	"	3½ x 5

The Truly Efficient L. D. B.

Acme Ventilator

Needs little description. It is so very simple—yet its very simplicity helps to make it do so well as a ventilator.

The ACME revolves with the wind; there is no back draft; and it works well under all conditions.

You can depend on the ACME to do the work and do it well. Here are the prices.



6 inch complete	\$2.12	Frame only \$1.12
7 " "	2.30	" " 1.20
8 " "	2.60	" " 1.30
9 " "	2.90	" " 1.40
10 " "	3.40	" " 1.60
12 " "	4.40	" " 2.20

When you think of better chimney
drafts think of the

ACME VENTILATOR

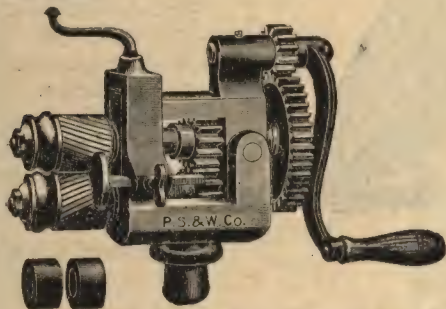
Then send your order



MAKE THE WORK EASY

And at the same time make the work better by using this back-geared stove pipe crimper and beader.

Such a machine eases the making and putting together of sheet metal pipe of different diameters. Note the wedge adjusted by the wing-nut; this controls and regulates the relative depth of the crimp and bead.



The shaft can be tipped toward front or back, as desired, thus making a deep crimp and a shallow bead, or a shallow crimp and a deep bead. The rolls are steel and the gears are machine cut.

This machine will nicely handle No. 22 iron and lighter. The weight is 48 pounds. Blank collars are furnished to substitute for beading rolls when crimping only is desired.

With spiral crimping and beading rolls and standard, the price is \$10.00. If you need such a machine, get it right now.

LOOK THESE OVER

Sheet-Iron
Fire Pots



Burritt's Patent Double Seamer.



SOLDERING IRON
HANDLES



Wood Roofing Folders.



HAMMERS.



Tinners' Mallets.

Slaters' Tools

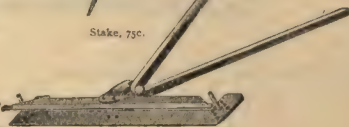


Hammer, \$3 00

Ripper, \$2 00.



Stake, 75c.



Adjustable Roofing Tongs

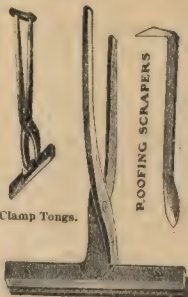
SOLDERING COPPERS



Clamp Tongs.



Roofing Tong.



ROOFING SCRAPERS



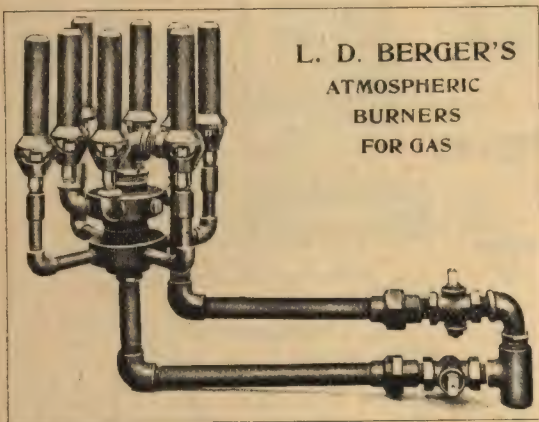
Roofing Double Seamer.

A POWERFUL BATTERY OF ATMOSPHERIC BURNERS

WHICH CAN BE INSTALLED IN ANY
CANDY FURNACE

Can be used under any large melting pot or kettle where a high degree of heat is required.

Any combination of burners or construction for special purpose quoted on receipt of specifications.



L. D. BERGER'S
ATMOSPHERIC
BURNERS
FOR GAS

A COMBINATION OF EFFICIENCY AND CLEANLINESS

We also make Batteries of Burners for heating Japaning Ovens and other purposes where intense heat must be used.

VACUUM WASHER



This is inserted in Boiler
with Clothes.

Put Boiler on stove and
as the water becomes hot
it circulates through the
Clothes, cleaning them.

Price, \$2.50

PLUMBERS' AND TINNERS'

BIG HARD TALLOW CANDLES

That Burn Ten Hours



Size, 1 $\frac{1}{4}$ inch x 5 inch

Boxes, 100 each	\$3.00
“ 200 “	5.50
“ 250 “	6.50

Small lots, 3 $\frac{1}{2}$ cents each

THE FOLLOWING PAINTS MADE BY CLEMENT "COVERALL"

ARE MADE OF PURE LINSEED OIL
AND PURE COLORS
NO DOPE

PRICES ARE AS FOLLOWS:

2000 COVERALL BLACK

1 gallon	\$1.35	per gal.
5 "	1.35	" "
10 "	1.33	" "
1/2 barrell	1.28	" "
"	1.25	" "

800 COVERALL RED

\$1.35	per gal.
1.35	"
1.33	"
1.28	"
1.25	"

900 COVERALL BROWN

\$1.35	per gal.
1.35	"
1.33	"
1.28	"
1.25	"

Furthermore: No paint on the market will cover as many square feet to the gallon, nor wear as well.

The Pennsylvania R. R. Co., has been using all of the above for the past nine (9) years, on roofs, bridges and buildings.

Furthermore: If at any time 2 coats of any of the above paints are put on a new tin roof or any new work, and at the end of five (5) years if you can prove it was no good, we will furnish paint to recoat the job without charge. What else can we say?

Pure Linseed Oil Paints

PRINCE'S METALLIC BROWN IN PURE LINSEED OIL

25 lb. cans $4\frac{1}{2}$ c. per lb.

100 lb. cans $4\frac{1}{4}$ c. per lb.

VENETIAN RED IN PURE LINSEED OIL

25 lb. cans 5c. per lb.

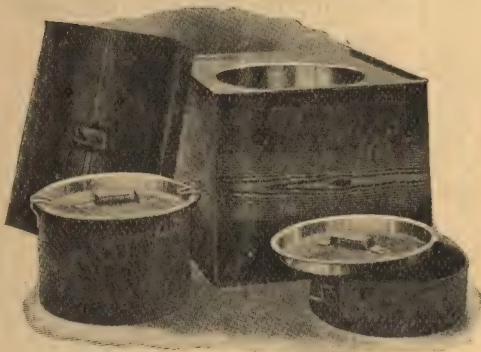
100 lb. cans $4\frac{3}{4}$ c. per lb.

*Don't Overlook the Fact that
the above are*

MADE AND GUARANTEED TO BE PURE BY

CLEMENT "COVERALL" CO.

THE BERGER COOKER
BOILS and STEWS PERFECTLY,
IN A SIMPLE NATURAL WAY.



There is nothing new to be learned if you know how to cook on the ordinary stove. Put the food to be cooked in the utensils, place them on the stove and have them boiling hot. Then shift to the cooker and push on the cover. Allow the food to remain in the cooker as long or a little longer than you would have it on the stove. It cannot burn, and you need pay no attention to it until the proper time has expired. When you take out the food you will find it piping hot, and ready to serve.

The COOKER will keep things cold as well as hot. The utensils are made of fine agate, one utensil contains 4 quarts and the other 2 quarts.

You should not be without the BERGER COOKER, it will pay for itself many times. The price is \$ 4.00

Fireless Cooker



Perhaps you know how to cook food, you may be expert, but even if you are not you know what well-cooked food tastes like--and you prefer it.

The BERGER COOKER helps to make a better cook. It cooks food perfectly, in a simple natural way.

The principle of Fireless cooking is simply a retention of heat. Lock food into a compartment with the proper amount of heat and the heat will cook the food. It's all very simple, the only difficulty is in getting a compartment that will retain heat.

The BERGER COOKER is all metal compartment that will positively retain heat, and in so doing it cooks food. It will cook all night long--in the morning, take the food out steaming hot and serve, perfectly cooked. No fires were needed during the night, no worry that the food would burn.

You're paying the price of the BERGER COOKER right now in your home. With the BERGER COOKER you spend less time over your cooking; use less fuel; and save a lot on the food itself, not to mention the quality of the cooking. The cooker, by reducing the cost, pays for itself and gives you better cooking service than you have had before.

By saving on the food we mean that the rich juices are retained, this makes the food more wholesome, more nutritious than it would be had it been cooked entirely on the flame stove.

The BERGER COOKER being made entirely of metal will not warp, swell or crack. It is light in weight, strongly made and handsomely finished.



Styles F and H

1½ Barrel Wheel Kettle, Style H - Price, \$65.00

42 inches high, No. 12 Fire Box Steel, 2-inch Solid Crank Axle, Iron Wheels made to track, 5 feet, 2 inches wide, Wood Wheels if preferred. Strongly made and well braced - Weight, 500 pounds.

100 Gallon Wheel Kettle, Style F - Price, \$85.00

42 inches high, No. 12 Fire Box Steel, 2-inch Solid Crank Axle, Reinforced Sides, Iron Wheels made to track, 5 feet, 2 inches wide. Strongly made and well braced - Weight 625 pounds. Wood Wheels furnished if preferred.



Style G Price, \$17.50

Half Barrel Wagon or
Patching Kettle, 21 x 26



Style D Price, \$28.50

1½ Barrel Wagon or
Patching Kettle, 28 x 34

ROOFERS' DIPPERS

\$1.50 each



ROOFERS' BUCKETS

12 x 12 **\$1.50 each**

14 x 14 **\$1.75 each**



Tin Truths

This is not a sorehead howl—it's a legitimate kick about the sale of tin.

There are very few men using and working tin today who really know much about the actual value of tin.

There isn't one man in a hundred who can correctly judge the quality of tin just by looking at it.

Men in the trade naturally want to use a good grade of tin, for which they prefer to pay a low price. The most obvious way to get a certain grade is to specify the pounds coating. The contract is then awarded to the house that agrees to furnish the specified material at the lowest price.

If the tin happens to be for a roof, our friend lays it.

It wouldn't be reasonable for him to sit by the roof for a number of years to find out if the tin is good. So he goes his way.

The record of this particular job might have been placed in a book that has gone the voyage by the time a new roof is needed.

So you see that he doesn't know whether the roof has given the service material of such a coating should give.

And in many cases if the record IS clear, the roofer finds that the 30 pounds coated plate hasn't lasted any longer than poorly coated material.

Thus he is naturally peeved on tin in general, and resolves to buy only 15 or 20 pound stuff in the future, expecting, of course, to obtain lower prices than ever.

Now if it were possible to positively tell the quality of tin simply by looking at it, you would find, nine times out of ten, that the grade supplied by the very low bidder wouldn't come up to the standard.

One of the many honest things we do is this: When you ask us for a price on L. D. B. Old Process 30-pound coated plate, we quote you on the goods you request.

We do not quote you on 20-pound stuff, send you 15 pound and tell you it's 30. We have never done this and we never will.

A man is foolish to swindle his mind into believing that he can buy the right and best kind of groceries or tin at the cheapest kind of a price.

We sell all grades of tin, and if you have a call for something cheap, just tell us, then we won't send you a price on 40-pound stuff.

When you get a very low-grade price on very high-grade material you can take it from Uncle Dudley it isn't on the level.

Galvanized Steel Tanks



Prices do not include covers. When required they will be supplied at proportionate additional prices.

List prices of tanks on this page are based on No. 20 Gauge. For tanks 8 and 10 feet in diameter, we advise using No. 18 Gauge. This increases the price 25 per cent. No. 16 adds 50 per cent. to the prices herein given.

These tanks are provided with Angle Iron Stiffening Bands, and are well constructed, and make a good substantial and serviceable tank.

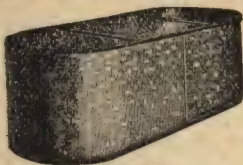
Tanks up to 6 feet in diameter and 5 feet high are shipped set up unless otherwise specified, and are well riveted together and soldered. Rectangular tanks not over 10 feet long are shipped set up, unless otherwise specified.

When shipped knocked down sides are all riveted together except the last seam, and the bottom is only in one or two pieces, so that the work of erection is reduced to the minimum.

Round Storage Tanks

Price List

No.	Dia.	Height	Cap'ty	Price	No.	Dia.	Height	Cap'ty	Price
1	2 ft.	2 ft.	1½ bbls.	\$6.00	7	4 ft.	4 ft.	12 bbls.	\$26.00
2	2½ ft.	2½ ft.	3 bbls.	8.20	8	4 ft.	5 ft.	15 bbls.	31.00
3	3 ft.	2 ft.	3¼ bbls.	10.50	9	5 ft.	4 ft.	19 bbls.	38.00
4	3 ft.	3 ft.	5 bbls.	14.00	10	5 ft.	5 ft.	24½ bbls.	46.00
5	3 ft.	4 ft.	7 bbls.	16.00	11	6 ft.	4 ft.	27 bbls.	50.00
6	4 ft.	3 ft.	9 bbls.	22.00	12	6 ft.	5 ft.	34 bbls.	60.00



Round End Tanks

Price List

No.	Width	Hght.	Lgth.	Capacity	Price
23	2 feet	2 feet	4 feet	3¼ bbls.	\$14.00
24	2 feet	2 feet	6 feet	5¼ bbls.	18.00
25	2 feet	2 feet	8 feet	7 bbls.	22.00
26	2½ feet	2 feet	8 feet	9 bbls.	25.00
27	3 feet	2 feet	8 feet	11 bbls.	27.00
28	4 feet	2 feet	8 feet	14 bbls.	33.00
29	3 feet	2 feet	10 feet	13½ bbls.	31.00
30	4 feet	2 feet	10 feet	17½ bbls.	40.00
31	4 feet	2 feet	16 feet	28 bbls.	60.00

GALVANIZED STEEL RECTANGULAR TANKS



Square End Rectangular Tanks

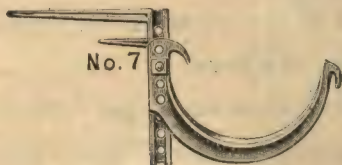
Price List

No.	Width	Hght.	Lgth.	Capacity	Price
33	2 feet	2 feet	4 feet	4 bbls.	\$15.40
34	2 feet	2 feet	6 feet	6 bbls.	19.80
35	2 feet	2 feet	8 feet	7½ bbls.	24.20
36	2½ feet	2 feet	8 feet	9½ bbls.	26.40
37	3 feet	2 feet	8 feet	12 bbls.	28.60
38	4 feet	2 feet	8 feet	15 bbls.	36.30
39	3 feet	2 feet	10 feet	14 bbls.	34.00
40	4 feet	2 feet	10 feet	19 bbls.	44.00
41	4 feet	2 feet	16 feet	30 bbls.	65.00

“GOSH DARN GOOD GUTTER HANGERS”

That's what one fellow says about them, and lots of fellows think it. It's a real compliment coming from the fellow with the overalls and hammer in his hand. It beats the expression of a college professor forty different ways. You can bet your boots that overall equipped lad knows just what he is talking about.

Look over the No. 7, it is made to drive 3 to 4 inches square in the cornice.



The lower prong forms a brace for the upper, and makes it very strong and firm.

You can see that the No. 10 is made to nail against square box cornices.



The No. 12 is made $\frac{1}{4}$ pitch to fasten under shingles or slate. They can be bent to suit the pitch. The holes on top of the shank are made beveling. You can take a fair guess and drive the nails, they'll be sure to enter the shank on account of the bevel.

When you want to get "Gosh darned good gutter hangers," get them from us.

SURELY SUPERIOR SHANKS AND CIRCLES

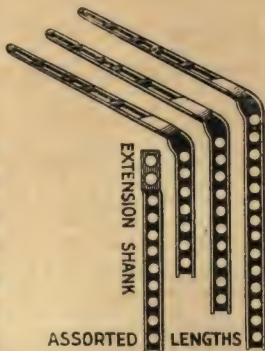


That's what you think when you get them wrapped and packed neatly in paste-

board boxes, fifty to the box.

And here's why you think it. Every piece is carefully examined, consequently there are no flaws in the castings—no bent or crooked pieces. Pick one out of the box at random and get the idea.

It costs us considerable to have these pieces all so carefully examined—but it costs you not a penny more. We try to please you, that's all. And if it costs us something in time and money extra, why we're surely and amply repaid by your re-orders and good will.



Get these strictly superior shanks and circles from us.

Toppy Tools for Tanners

We have all kinds of topky tools for all types of tanners. And we're selling a lot of them.

Just because we're selling a lot of them may not appeal to you as a good reason to buy. But listen:

Your competitor buys a tool or machine that does a job he formerly did with a hammer and his fingers—and does it better. Suppose you're still doing this work the old way. A job is submitted to both of you to figure on. With his little machine your competitor can do the job better and for less money. He turns in his bid and it is lower than yours—he gets the job.

It's easier to sit back and holler murder when this happens, but it's far more profitable to equip yourself with better machinery and beat him to it the next time. If you don't he's going to keep right on repeating, and that won't get you the bacon.

Our catalogue illustrates a batch of good stuff in this line. Look it over and send your order to us.



Perhaps You Need Some of These Things Right Now

BENCH PLATES

8x30 inches cost \$2.40. We have them larger if you desire. We can furnish you with most any kind of a bench plate that is made.

SOLDERING FURNACE

Gasoline combination furnace. You can melt lead, heat coppers, thaw out pipes. Not much trouble this kind of weather with freezing pipes, but this kind of a furnace sees you through a good many winters. It's a very handy thing to carry around. Small tank, \$4.50 net. Large tank, \$6.00 net.

HOLLOW MANDREL

40 inch is \$4.40 net. Has a square face, and bolt runs all the way through slot, so you can push it back on bench.

GROOVING TOOLS

All sizes in stock. Made from the very best tool steel.

ROOFING TONGS

$\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ inch. Solid round handles and hand made. Any size \$2.25 a pair. Adjustable tongs, \$3.50 a pair. Gutter tongs, \$3.25 a pair.

WIRE CHISELS

All sizes, from $\frac{1}{4}$ up to 2 inches, 10 cents each. If you order a half-dozen or more the price will be less.

PAINT BRUSHES

$4\frac{1}{2}$ -inch hand brush, 75 cents. 7-inch brush, \$1.00. 8-inch brush, \$1.25. All good quality brushes, too.

Some of These Things You Want and Need Every Day

DOUBLE CUTTING SHEARS

It's hard to get along without a pair when you want to cut pipe. They do the work so neatly; there are no ragged edges left, no material wasted. 13 inches long, \$2.33 each; with the crimper, \$2.55 each.

SNIPS

Straight or circular forged steel blades. You can't buy better snips than we carry in stock, because there are none better made. Numbers $6\frac{1}{2}$, 7, 8 and 9 seem to be the leading sizes. When you take quality into consideration the prices are low.

SOLID PUNCHES

Any size you want, just 10 cents each. In lots of a half-dozen or more they come lower. Write us.

T REAMERS

Many a time you have wanted one of these. It's a great little tool to use when you are mounting a heater; it seems to find a bolt hole quicker than you can see it. Very useful in many kinds of work. 60 cents net.

PLASTERING WIRE

12, 14, 16, 18 and 20 inches wide. $1\frac{3}{4}$ cents a foot for full rolls. We break rolls for $2\frac{1}{2}$ cents a foot.

SOLDER

We don't handle any but good solder. L. D. B. solder has always given perfect satisfaction. Lowest market price.

Look Down This List

HOLLOW PUNCHES

Made out of good stuff. Here are the sizes: $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$, $1\frac{3}{4}$ and 2 inches. The price is at the rate of 80 cents an inch up to $1\frac{3}{4}$ inches.

ROOF SCRAPERS

Made out of good tool steel. One end just like a knife blade, the other end bent over. You will lose more than the price of this tool on one job if you have any scraping to do. 35 cents each.

RIVET SETS

We carry all sizes of rivet sets; every one warranted. Any defective one will be cheerfully replaced.

SCRATCH AWLS

Made from tool steel. They are twisted with a ring on the end. Pretty good value at 10 cents each.

HAMMERS

Riveting, setting, square shoulder, with corners chamfered. These hammers are forged from highest grade crucible steel, are carefully tempered and hardened and thoroughly tested. The heads are full polished, and the handles are made of selected second growth hickory. They are the best hammers on the market, and are especially made for metal workers' use. No. 2 is the medium size, and seems to be the one most used. Price, \$0.52.

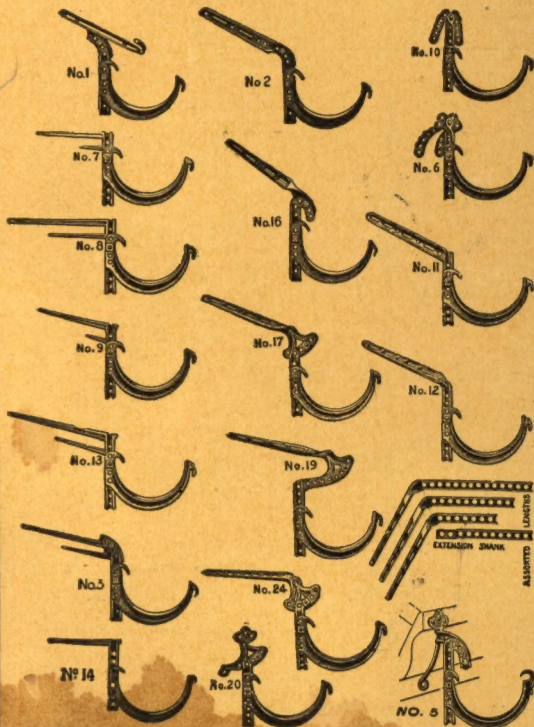
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SHANKS & CIRCLES

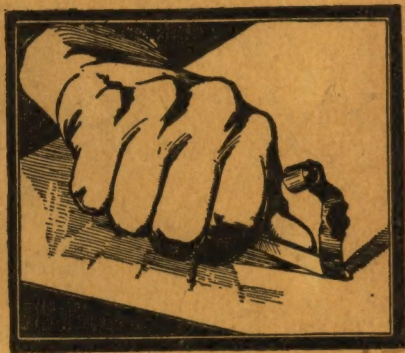
FOR EAVE TROUGH



ROOFING TIN

WITH A

REPUTATION



L. D. BERGER

Merchant and Manufacturer

59 N. SECOND ST.

PHILADELPHIA . . PA.